Education Catalog

Instructor-led Courses, Certifications, and
Education Programs

It's not about what you know. It's about what you can do.

Qlik Education delivers coursework, tools, and programs designed to teach you the true capabilities of Qlik and how you can use them to perform your job – not just repeat memorized features and functions. By partnering with Qlik Education, you can rapidly develop, deploy, and use Qlik to deliver great outcomes for your business.

Engaging Qlik Education enables you and your staff to:

- Start using Qlik more quickly
- Understand the complete range of Qlik capabilities
- Interact with experienced instructors to facilitate learning
- Contribute to organizational effectiveness, which increases the value of your investment in Qlik

About Qlik Education

Qlik Education offers a rich mix of training options, resources, and technology, all designed to maximize the success of your development, deployment, and use of Qlik.

Courses are available in a variety of training formats to provide flexible learning options. Whether you are a business user, business analyst, data architect, application developer, data integration developer, data governance developer, or system administrator, Qlik has a training option to meet your needs.

We will work with you to define your precise training requirements to make sure that you or your staff gets the right level of learning and performance support (learning accessed in their day-to-day job) at the right time in the deployment lifecycle.

Our learning content covers not only the capabilities and competencies of Qlik's products, but also data literacy - complementary skills that are not Qlik specific but are required for you to perform your job.

With Qlik Education, your organization will:

Enhance performance

Get your business users to peak productivity and maximize your ROI.

Drive collaboration

Train groups of coworkers together so they rapidly understand how Qlik can enable them to collaborate on analytics and data integration like never before.

Learn what's important to you

Along with standard courses, Qlik offers tailored workshops to train your users to use Qlik applications based on your needs and requirements.

Why Qlik Education?

Qlik Education accelerates the adoption of data and analytics by providing environments that remove common learning barriers and provide users with a structured path to take full advantage of Qlik's products.

Qlik

Qlik Education in Figures

Education is available globally via virtual training

380K
Course completions for self-paced learning in 2023

15
Languages of self-paced content

5,511
Skills assessments taken in 2023

1,510
Certifications earned in 2023

Qlik

Training Format Options

When it comes to learning, one size does not fit all. Therefore, Qlik offers a wide variety of delivery methods to suit different learning preferences, organizational logistics, and the needs of specific Qlik user roles.

Instructor-led Training

This delivery method is a traditional, classroom training approach, where our expert instructor leads a group of students through demonstrations and hands-on exercises. You can attend instructor-led training via virtual public classrooms or privately (perfect option when you have a group of up to 10 users; at your office or virtually).

Self-paced Training

Qlik Learning is our subscription-based, self-paced training. It's the perfect training complement to ensure success in your continuous learning journey. Learning you need, right at your fingertips – anytime, anywhere, always. Features include video-based modules, exercises and quizzes, smart search features, and collaboration tools to interact with students and instructors.

Qlik.

Role-based Education - Qlik Data Analytics

All our training options are role-based, to ensure that all essential job-related tasks are covered in each role's core courses. In contrast, tasks that apply to only specific users and advanced tasks are covered in elective master courses.

User role descriptions

Business User	Use pre-built applications to analyze data and make informed data-driven decisions
Business Analyst	Create powerful, clean, cutting-edge visualizations. Learn the best ways to help users explore information and gain critical insights on multiple devices
Data Architect	Manage and consolidate data from different tables and sources and integrate them into a clean dashboard interface
System Administrator	Manage security and platform architecture, including reloading and publishing documents

Qlik

Role-based Education - Qlik Data Integration

All our training options are role-based, to ensure that all essential job-related tasks are covered in each role's core courses. In contrast, tasks that apply to only specific users and advanced tasks are covered in elective master courses.

User role descriptions

|	
Application Developer	Uses a suite of software to define and implement real-time interactions between multiple systems within the information system
Data Integration Developer	Uses a suite of software to process data and integrate heterogeneous systems together in the information system
Data Governance Developer	Uses a suite of software to implement the technology required to support an organization's data governance program
System Administrator	Responsible for the smooth, safe and efficient running of systems and databases

Qlik.

Qlik Learning

Qlik Learning is self-paced training designed to provide only the learning you need, right at your fingertips– anytime, anywhere, always. We know your job does not stop; sometimes, you can't wait for the next class to learn what you need, nor do you always have the time to block days in your schedule for instructor-led training. Qlik Learning is the perfect training complement to ensure success in your continuous learning journey.

learning.qlik.com
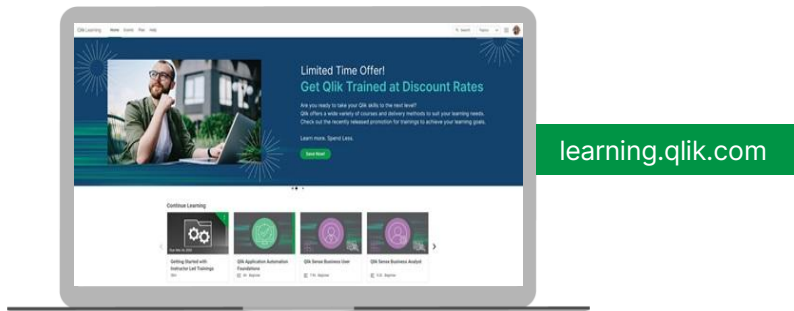
Look it up. Learn it. Right when you need it.

- Video-based learning modules
- Reference guides, hands-on exercises, quizzes, and qualifications
- Get immediate access to new and updated content throughout the year
- Smart search for learning at the point of need
- Live webinars and 1:1 instructor course support
- Certification Learning Resources

Annual subscriptions	Free User	Individual FULL ACCESS	Unlimited
Qlik Analytics	◑	●	●
Qlik Data Integration	◑	●	●
Product-Based Learning Paths	◑	●	●
Role-based Learning Paths	◑	●	●
Tools & Frameworks		●	●
Usage Analytics/Metrics App			●
Digital Badges		●	●
Qlik Learning Shorts	◑	●	●
Other Resources*		●	●

* Qualification exams, Adoption Framework, Project Examples, live webinars, and 1:1 instructor support

Qlik

Qlik Learning Training Program

Maximize the benefits of your Unlimited Qlik Learning subscription with our Qlik Learning Training Program. This training plan offers a robust, hands-on approach, equipping your different Qlik Sense users with essential skills to harness the full power of the Qlik Sense platform quickly. Our tailored learning plans are designed to engage and energize your team, ensuring they get the maximum benefit. In addition, our program includes 10 strategic training sessions with an expert instructor to ensure your users learn smoothly and effectively. Experience the ultimate transformation with our comprehensive training program.

Program includes:

Enhance your Unlimited Qlik Learning subscription with additional training services such as tailored training plans for your organization, a private training site (using your logo and terminology) for your users to access to complete their learning, and private webinars based on your choice of topics and delivered to your organization only.	
Education Offering	**Description**
Qlik Learning, Private learning site * Available to Qlik Learning Unlimited customers only	• A tailored plan hosted in a private learning site • Track training completion • Training plan based on Qlik Learning modules mixed with the option of customer's own content and/or videos for Custom Application training
Qlik Learning, Private webinars * Available to Qlik Learning Unlimited customers only	• 90-minute webinar session • Unlimited number of attendees • Topic based on Qlik Learning modules • Combine with Qlik Learning Private site
Qlik Learning Training Program * Available to Qlik Learning Unlimited customers only	• A tailored plan hosted in a private learning site • Track training completion • Introduction to Qlik Learning, 90-minute webinar • Training plan to include 10 x Qlik Learning modules • 10 x Private 90-minute webinar sessions

Qlik.

Words from our customers

"Thanks to Qlik Education Services, we've achieved a rapid ROI. Qlik Education has helped us transform our working culture with customized designer training."

"My instructor was outstanding. His ability to pace himself and the class, his subject matter expertise, patience, communication, steadfastness, ad hoc troubleshooting ability, and cheerful disposition are a rare combination."

"Qlik Learning is another example of how Qlik is delivering innovative solutions and approaches."

Table of Contents

Here you will find all the information you need about Qlik's portfolio of education services offerings. It is organized into six main sections:

Qlik.

Qlik Sense Courses and Certifications

Qlik Education

Qlik Data Analytics Course Overview

Self-paced Training

Self-paced training featuring video-based modules, exercises and quizzes, and tools to collaborate with instructors and students.

Instructor-led Training

This delivery method is a traditional, classroom training approach, where our expert instructor leads a group of students through demonstrations and hands-on exercises.

	Core Learning	Advanced Learning	Specialized
	Fundamental concepts and best practices. Competency in most frequently used job skills. Can lead to certification. Instructor-led Training and Virtual Instructor-led Training classes are available.	Solutions and best practices for common challenges. Specialized tasks related to job functions. On-demand, Instructor-led Training and Virtual Instructor-led Training, and customized special events are available.	A virtual environment for on-demand videos, online collaboration and expert instruction. Qlik Learning courses are available.
Business User	Custom Application Training (bespoke on-demand)		
Business Analyst	Create Visualizations with Qlik Sense	Advanced Topics in Design and Development	Create Reports with Qlik NPrinting Predictive Analytics with Qlik AutoML Qlik Application Automation
Data Architect	Data Modeling for Qlik Sense	Advanced Topics in Design and Development	Create Reports with Qlik NPrinting Predictive Analytics with Qlik AutoML Qlik Application Automation
System Administrator or Enterprise Architect	Deploy and Administer Qlik Sense Deploy and Administer Qlik Sense for SaaS		

Qlik

Create Visualizations with Qlik Sense

Description

Create Visualizations with Qlik Sense is a scenario-based course that addresses the fundamental skills that enable self-service visualization and discovery. The course combines demonstrations and hands-on exercises to teach the essential concepts for designing effective Qlik Sense visualizations and guided stories. You will also be given some tips to maximize your analysis within your apps. Additionally, you will look in depth at the different visualizations and select the appropriate one for your data and the type of questions you need to answer.

Class Type and Duration

- Instructor-led
- 2 days

Course Prerequisites

- Building an app tutorial
  (visit Qlik Help for more information)

Audience

- Business Analysts
- Data Architects

Skills Learned

- Build Qlik Sense dashboards
- Learn how to select the appropriate visualizations to answer your data questions
- Perform advanced analysis in a Qlik Sense app
- Build a simple data model and define the business logic
- Discuss concepts of data visualization and data types and how they are implemented in Qlik Sense
- Control selections applied to the objects
- Share insights with Qlik Sense guided storytelling
- Prepare the apps and share them with others

Course Outline

- Analyzing data with Qlik Sense
- Preparing data for analysis
- Introducing visualizations
- Working with other visualizations and properties
- Controlling data selections
- Storytelling and finalizing the app

Qualifications

- Qualification Exams are available with training purchase to prove a fundamental knowledge of Qlik Sense.
- Visit our website for more information.

Qlik

Data Modeling for Qlik Sense

Description

Data Modeling for Qlik Sense is a technical course where you learn to develop a coherent data model in Qlik Sense by loading and transforming multiple data sources. With information, tools, techniques, and activities, this course includes topics dealing with maintaining data connections, transforming source data, architecting data models, optimizing for performance, and application development in Qlik Sense.

Class Type and Duration

- Instructor-led
- 3 days

Course Prerequisites

- Recommended: Creating Visualizations with Qlik Sense
- Database and SQL query knowledge

Audience

- Data Architects
- Business Analysts

Skills Learned

- Create a data model in Qlik Sense
- Use the Data Load Editor and the Data Manager
- Create and maintain data connections
- Resolve data structure issues and script errors
- Transform data for better performance
- Discuss synthetic keys and circular references
- Implement document-level security
- Add simple data validation visualizations

Course Outline

- Modeling data with Qlik Sense
- Sourcing and loading data
- Resolving common modeling issues
- Generating data
- Combining tables
- Handling advanced modeling challenges
- Developing and Debugging
- Applying finishing touches
- Exploring security and advanced concepts

Qualifications

- Qualification Exams are now available with training purchase to prove a fundamental knowledge of Qlik Sense.
- Visit our website for more information.

Qlik

Deploy and Administer Qlik Sense

Description

Deploy and Administer Qlik Sense is a technical course that provides you with the information, tools, techniques, and skills necessary to deploy, set up, configure, and maintain Qlik Sense Enterprise on a Windows platform. In addition, you will explore security architecture configurations, load balancing, and single sign-on methods. Take advantage of Qlik Sense's enterprise-class governance capabilities for ensuring quality, accuracy, and security of data and analytics.

Class Type and Duration

- Instructor-led
- 2 days

Course Prerequisites

- Fundamental knowledge of IT business systems and operations
- Knowledge of Windows Server OS, Active Directory (or other user directory service)
- Basic system security awareness
- Understanding of Qlik Sense or QlikView recommended
- Basic understanding of PowerShell or Command Line tools

Audience

- System Administrators or Enterprise Architects

Skills Learned

- Understand deployment plan requirements
- Understand Qlik's cloud offerings
- Deploy single and multi-node configurations
- Install Qlik Sense Enterprise on Windows with shared persistence
- Explore the Qlik Management Console (QMC)
- Add and manage users
- Understand Qlik Sense licensing model
- Configure user license access
- Import and manage apps and extensions
- Review and manage app objects
- Create and manage streams

- Understand how to publish apps and sheets
- Create tasks for app reloads and user import
- Understand Qlik Sense Enterprise security
- Manage and audit system security
- Understand data security with section access
- Configure virtual proxies
- Manage data connections
- Explain various methods for load balancing
- Manage multiple schedulers
- Discuss single sign-on concepts
- Monitor and troubleshoot typical system issues
- Explore other Deployment Considerations
- Understand how to backup a Qlik Sense site

Course Outline

- Business case
- Server Components
- Single and multi-node architecture
- Qlik Sense install and the Qlik Management Console (QMC)
- Import and manage users
- Allocate appropriate user license
- Apps, extensions, objects, streams and tasks
- Proxies & virtual proxies
- Schedulers
- Qlik Sense security

- Data connections and data security
- Load balancing
- Single sign-on concepts
- Qlik's deployed monitor apps (License and Operations)
- Server manage tools (PowerShell)
- Troubleshooting
- Backup a Qlik Sense site

Qlik

Deploy and Administer Qlik Sense for SaaS

Description

Deploy and Administer Qlik Sense for SaaS is a technical course that gives you the information, tools, techniques, and skills necessary to deploy, set up, configure, and maintain a Qlik Sense Enterprise environment hosted by Qlik Cloud. Explore single sign-on using an identity provider to maintain and manage identity information for principals while providing authentication services. Automate data transfer from on-premises to Qlik Sense SaaS. Collaborate with business users using shared or managed spaces utilizing Qlik Sense's enterprise-class governance capabilities for ensuring quality, accuracy, and security of data and analytics.

Class Type and Duration

- Instructor-led
- 2 days

Course Prerequisites

- Fundamental knowledge of IT business systems and operations
- Knowledge of third-party identity providers; awareness of using API keys for system integration
- Understanding of Qlik Sense or QlikView recommended
- Basic understanding of PowerShell or Command Line tools

Audience

- System Administrators

Skills Learned

- Understand Qlik Sense differences between cloud editions
- Explore the cloud hub
- Understand user roles and permissions
- Explore integration of an Identity Provider
- Explore the Management console
- Understand how to utilize and manage Spaces
- Review how to publish apps
- Understand how to reload app data
- Review how to host QlikView documents
- Understand how to host external files via generic links
- Review email server setup
- Understand how to setup Alerts and Subscriptions
- Extend Qlik Sense capabilities with Webhooks
- Review how to upload on-premise data with Qlik Data Transfer
- Utilize the Qlik-cli to perform administration functions
- Understand performance and optimization with the App Analyzer

Course Outline

- Qlik Sense Cloud Editions
- System Administration Overview
- User Management
- Space and App Management
- Extending Qlik Sense
- Advanced Administration and App Analyzer

Qlik.

Create Reports with Qlik NPrinting

Description

The Create Reports with Qlik NPrinting course enables business analysts to build and distribute static reports based on Qlik Sense products. The course covers Web Console configuration, report generation, NewsStand environment, report distribution options, and user access management.

Class Type and Duration

- Instructor-led
- 1 day

Course Prerequisites

Familiar with generic Qlik Sense application design

Audience

- Business Analysts

Skills Learned

- Explain how Qlik NPrinting fits within the Qlik portfolio
- Explain the product components and architecture
- Describe the installation process (to provide context)
- Configure Qlik NPrinting Web Console
- Create Qlik NPrinting Apps and data connections
- Develop reports based on single and multiple sources
- Apply filters and conditions to Qlik NPrinting reports
- Manage recipients and distribute reports in multiple ways
- Create users and security roles
- Distribute reports with data reduction based on recipients

Course Outline

Qlik NPrinting overview
- Introduction to Qlik NPrinting
- Qlik NPrinting process flows

Report development
- PowerPoint reports
- Word reports
- Excel reports
- Pixel Perfect reports
- HTML reports
- Filters and other reports

Report access and distribution
- Publishing reports
- Security (Optional)

Qlik

Advanced Topics in Design and Development

Description

Are you ready to take your skills to the next level? Advanced Topics in Design and Development is a specialized course that discusses advanced technical concepts including, applying expressions and functions, writing data load scripts, and data modeling strategies. It provides hands-on exercises and demonstrates how these concepts can be applied to various business cases.

Class Type and Duration

- Instructor-led
- 2 days

Course Prerequisites

- Fundamental knowledge of the Qlik products (QlikView or Qlik Sense) and their related concepts
- Basic understanding of the Qlik script, Qlik expressions, and functions
- It is recommended that the students have also attended the business analyst and/or data architect core courses
- Proficient with building applications, creating dashboards, and performing basic Extract-Transform- Load (ETL) transformations using the data load script
- At least six months experience working with Qlik as a business analyst or data architect

Audience

- Business Analysts
- Data Architects

Skills Learned

- Implement front-end solutions with advanced Qlik expressions and calculations
- Perform advanced set analysis operations, using advanced search expressions and element functions
- Perform comparative analysis using alternate states
- Use advanced Qlik functions and visualizations to perform Pareto (ABC), Basket, and Monte Carlo analyses
- Explain inter-record functions and manual accumulations

- Apply clustering and classification techniques to perform sales analysis.
- Use advanced Qlik scripting techniques to resolve data load issues.
- Use loops and nested loops to load and analyze multiple files.
- Apply multiple Load prefixes in various analysis case examples.
- Transform the data model by applying subroutines to allow script reusability.
- Create multiple Qlik View Data (QVD) file layers.
- Optimize the data load process by applying incremental loads.

- Explain and apply debug processes.
- Use system error variables for debugging purposes.
- Discuss advanced technical concepts and solutions in real life scenarios.

Course Outline

- Advanced set analysis
- Comparative analysis
- Advanced calculations
- Advanced transformations in script
- Incremental loads and QlikView Data (QVD) files
- Debugging and troubleshooting

Qlik

Qlik Sense Business Analyst Certification

Description

The Qlik Sense Business Analyst Certification Exam tests your knowledge of creating and delivering Qlik Sense applications. This exam tests your ability to interpret business requirements, prepare the data, design the application user interface, build the user interface, and deliver the application. Visit our website for more information.

Format

- Comprehensive scenario-based questions
- 50 multiple choice questions
- 2 hours

Audience

- Business Analysts

Exam Prerequisites

- Experience developing production-quality applications in Qlik Sense
- Experience creating dimensions, measures, and objects for the master library
- Visualization and user interface design experience and understanding of design best practices

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Once you have earned your Qlik Sense Business Analyst certification, you are eligible to earn the Qlik Sense SaaS Business Analyst or Qlik Sense SaaS Administrator Endorsements. Visit our website for more information.

Exam duration and number of questions is subject to change.
For the latest information, search for "Qlik Sense Certification" on qlik.com.

Qlik

Qlik Sense Data Architect Certification

Description

The Qlik Sense Data Architect Certification Exam tests your knowledge of developing and managing data models used to create Qlik Sense visualizations.
This exam tests your ability to translate business requirements into technical requirements, to design, create and validate the data model, and build the master library.
Visit our website for more information.

Format

- Comprehensive scenario-based questions
- 50 multiple choice questions
- 2 hours

Audience

- Data Architects

Exam Prerequisites

- Experience developing at least two production-quality applications in Qlik Sense
- Ability to write Qlik Sense LOAD scripts and validate data
- Basic understanding of Extract, Transform, and Load (ETL)
- Create and use connectors to various data sources
- Understand the QlikView Data (QVD) files layer and architecture of the Qlik platform
- Ability to architect data to provide optimal performance
- Familiar with SQL and relational databases

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Once you have earned your Qlik Sense Data Architect certification, you are eligible to earn the Qlik Sense SaaS Data Architect Endorsement. Visit our website for more information.

Exam duration and number of questions is subject to change. For the latest information, search for "Qlik Sense Certification" on qlik.com.

Qlik

Qlik Sense System Administrator Certification

Description

The Qlik Sense System Administrator Certification Exam tests your knowledge of managing a Qlik Sense environment. This exam tests your ability to set up the environment, configure access, configure apps, tasks and the content library, manage the environment, and troubleshoot problems and errors. Visit our website for more information.

Format

- Comprehensive scenario-based questions
- 50 multiple choice questions
- 2 hours

Audience

- System Administrators

Exam Prerequisites

- At least six months experience as an administrator of a Microsoft Windows Server-based environment
- Experience working with Qlik Sense sites and the Qlik Management Console, to provide data and application governance, library maintenance, as well as user and application security
- Experience managing the policies and options that run the Qlik Sense servers and apps
- Experience creating rules and managing the visualization streams
- Knowledge of networking and Active Directory configuration, proxies, intermediate web servers, load balancers, etc.
- Familiarity with Windows tools and logs created (e.g., Event Viewer, Services Console, DCOM Console, Windows Registry)
- Experience using NSLookUp, Telnet, Ping, NetStat, Fiddler, and other browser tools to troubleshoot connectivity, interoperability, configuration, performance, and more

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.
For the latest information, search for "Qlik Sense Certification" on qlik.com.

Qlik.

Data Integration Courses and Certifications

Qlik Education

Qlik Data Integration Course Overview

Self-paced Learning
Self-paced learning featuring video-based modules, exercises and quizzes, and tools to collaborate with instructors and students.

Instructor-led Training
This delivery method is a traditional, classroom training approach, where our expert instructor leads a group of students through demonstrations and hands-on exercises.

	Core Learning	Advanced Learning	Specialized
	Fundamental concepts and best practices. Competency in most frequently used job skills. Can lead to certification. Instructor-led Training and Virtual Instructor-led Training classes are available.	Solutions and best practices for common challenges. Specialized tasks related to job functions. On-demand, Instructor-led Training and Virtual Instructor-led Training, and customized special events are available.	A virtual environment for on-demand videos, online collaboration and expert instruction. Qlik Learning courses are available.
Application Developer			
Data Integration Developer	Talend Big Data Basics Talend Data Integration Basics Qlik Cloud Data Integration Essentials	Talend Data Integration Advanced	
Data Governance Developer	Talend Cloud Essentials Talend Data Catalog Basics Talend Data Quality Essentials		
System Administrator	Talend Cloud Administration		

Qlik.

Qlik Talend Cloud Data Integration Essentials

Description

Qlik Talend Cloud Data Integration Essentials enables you to create data pipelines using Qlik Talend Cloud Data Integration. It shows you how to create a data project, channel data from the source to the target platform, and transform data while in transit.

Class Type and Duration

- Instructor-led
- 2 day

Course Prerequisites

- Basic knowledge of SQL and general data architecture concepts.

Audience

- Data Analysts
- Data Architects
- Integration Developers

Skills Learned

- Configure a data pipeline for replicating data from your source to your target
- Transform data and create data marts
- Examine data lineage and impact analysis
- Develop projects with version control

Course Outline

- Qlik Talend Cloud Data Integration in context
- Creating a data project and onboarding data
- Transforming data: Hands-on basics
- Transforming data: Hands-on advanced
- Creating data models and data marts
- Monitoring and managing data tasks
- Developing projects with version control repositories

To complete the hands-on exercises in this training, you need access to a Qlik Cloud Data Integration account.

Qlik.

Talend Studio for Data Quality Essentials

Description

Talend Studio for Data Quality enables data governance teams to assess the quality of data in any data source. Talend Data Quality also lets you verify data completeness, accuracy, and integrity in preparation for data migration, instance consolidation, and data integration.

This training helps you immediately utilize Talend Studio for Data Quality. You learn how to evaluate data quality according to a set of metrics and thresholds based on indicators, models, and rules for each data item to be analyzed or monitored. You also use Data Integration Jobs for simple data cleansing tasks.

Class Type and Duration

- Instructor-led
- 2 days

Course Prerequisites

- Completion of Introduction to Talend Studio or Talend Data Integration Basics, as well as familiarity with SQL.

Audience

- Data Governance Developer

Skills Learned

- Connect to a database and run an analysis on it
- Examine the contents of a connection to a data source
- Create, configure, and run a column analysis
- Generate regular expressions for pattern matching in an analysis to test data quality
- Define indicator thresholds that are flagged in analysis results when violated
- Create, configure, and run different types of table analysis
- Define a SQL business rule and set up an analysis to identify rows that conflict with your rule
- Create, configure, and run a table match analysis to search for duplicates
- Use advanced matching to enhance identification of duplicates
- Ensure data privacy by shuffling and masking customer data

Course Outline

- Data Quality in context
- Data Quality analyses
- Data cleansing
- Advanced matching
- Data privacy
- Working with Data Quality Rules

Qlik

Talend Studio for Data Integration Essentials

Description

This training helps you use Talend Studio for Data Integration as quickly as possible. It focuses on the basic capabilities of Studio and how you can use it to build reliable, maintainable data integration tasks that solve practical problems, including extracting data from common database and file formats, transforming it, and integrating it into targets.

This learning path serves as a prerequisite for many other Talend courses, and the skills learned apply to most products.

Class Type and Duration

- Instructor-led or Virtual Instructor-led
- 2 days

Course Prerequisites

- Basic knowledge of computing, including familiarity with Java or another programming language, SQL, and general database concepts.

Audience

- Data Integration Developer

Skills Learned

- Create a project
- Create and run a Job that reads, converts, and writes data
- Merge data from several sources within a Job
- Save a schema for repeated use
- Create and use metadata and context variables within Jobs
- Connect to, read from, and write to a database from a Job
- Access a web service from a Job
- Work with master Jobs and subJobs
- Build, export, and test-run Jobs outside Studio
- Implement basic error-handling techniques
- Use best practices for Job and component naming, hints, and documentation

Course Outline

- Data Integration in context
- Getting started with Data Integration
- Working with files
- Working with databases
- Using repository metadata
- Processing data
- Using contexts and context variables
- Building executables and Docker images from data integration Jobs
- Controlling execution
- Handling errors
- Working with web services
- Use case: Creating a parent sales table from different data sources
- Best practices and documentation

Qlik

Talend Studio for Data Integration Advanced

Description

Discover how to use more advanced features of Talend Data Integration, which provides an extensible, highly-scalable set of tools to access, transform, and integrate data from any business system to meet both operational and analytical data integration needs.

Class Type and Duration

- Instructor-led
- 1 day

Skills Learned

- Automate harvesting
- Use versioning
- Grant granular access to objects
- Apply data masking to sensitive data
- Implement a glossary workflow
- Use the social catalog to enhance users' collaboration
- Audit Data Catalog activity

Course Prerequisites

- Completion of Talend Data Integration Basics and knowledge of computing, including familiarity with Java or another programming language, SQL, and general database concepts.

Course Outline

- Data Catalog in context
- Automating harvesting and versioning
- Implementing security settings
- Working collaboratively
- Going further

Audience

- Data Integration Developer

Qlik

Talend Cloud Essentials

Description

Talend Cloud provides broad connectivity, built-in data quality, Talend Cloud apps for business, and native code generation to support the latest cloud technologies.

In this training, you learn how to create datasets and preparations to deliver cleansed, structured, enriched data to business users. You also learn how to build Data Preparation and Data Stewardship Jobs in Talend Studio, publish them to the cloud, and schedule them in Talend Cloud.

Class Type and Duration

- Instructor-led
- 1 day

Course Prerequisites

- Completion of Introduction to Talend Studio and a fundamental understanding of administrative tasks.

Audience

- Data Governance Developer

Skills Learned

- Create datasets and preparations
- Execute a user-defined data preparation in a Talend Job
- Create tasks for data stewards and use Talend Data Stewardship to resolve manual tasks
- Use Talend Management Console to schedule execution plans and promote environments
- Use Pipeline Designer

Course Outline

- Talend Cloud in context
- Introduction to Pipeline Designer
- Creating and executing a data preparation
- Running tasks in the cloud
- Handling tasks in Talend Data Stewardship
- Implementing cloud operations

Qlik

Talend Cloud Administration

Description

This training covers the main functionalities of Talend Management Console. This cloud application is used to schedule and follow up task execution and as an administration console to create users, roles, user groups, and projects. You can design cloud-to-cloud and hybrid integration Jobs in Talend Studio and publish them to Talend Management Console.

Class Type and Duration

- Instructor-led
- 1 day

Course Prerequisites

- A fundamental understanding of administrative tasks.

Audience

- System Administrator

Skills Learned

- Use Talend Management Console to create users and roles
- Execute a Job on a cloud engine
- Create and schedule an execution plan
- Promote environments
- Configure Talend Management Console to store projects in a Git repository
- Define remote projects and use Git features in Talend Studio
- Execute a Job on a Remote Engine from Talend Studio or in Talend Cloud
- Debug and monitor Job execution in Talend Management Console
- Monitor activities on Talend Cloud applications using the Audit logging API service

Course Outline

- Talend Cloud Administration in context
- Creating users and roles in Talend Cloud
- Running tasks on a cloud engine
- Defining remote projects in Talend Management Console
- Working with Remote Engines
- Deploying artifacts to Talend Cloud
- Using Talend Management Console API
- Logging and monitoring in Talend Management Console
- Monitoring activities on Talend Cloud applications using the Audit logging API service

Qlik

Talend Data Catalog Basics

Description

Accelerate time to compliance and improve data accessibility with detailed information about your metadata. Talend Data Catalog is a tool that combines data cataloging and metadata management. It connects data from platforms, databases, and analytics tools to generate a holistic view of the information supply chain in a language that everyone can understand.

Class Type and Duration

- Instructor-led
- 1 day

Course Prerequisites

- Basic knowledge of information systems architecture.

Audience

- Data Governance Developer

Skills Learned

- Understand the role of data and metadata management
- Explore the Talend Data Catalog graphical interface
- Analyze data impact and trace data lineage
- Create users and groups
- Harvest metadata
- Sample and profile data
- Stitch metadata to build a configuration
- Add a business glossary to a model
- Import and apply semantic types

Course Outline

- Talend Data Catalog in context
- Introduction to Data Catalog
- Harvesting metadata
- Stitching metadata
- Business glossary and semantic mapping

Qlik

Talend Studio for Big Data Essentials

Description

Talend provides a development environment that enables users to interact with many Big Data sources and targets without having to understand or write complicated code.

Talend Big Data Basics is an introduction to the Talend components shipped with several products that interact with Big Data systems.

Class Type and Duration

- Instructor-led
- 1 day

Skills Learned

- Create cluster metadata
- Create HDFS and Hive metadata
- Connect to your cluster to use HDFS, HBase, and Hive
- Read data from and write it to HDFS (HDFS, HBase)
- Read tables from and write them to HDFS (Hive)
- Process tables stored in HDFS with Hive
- Process data stored in HDFS with Big Data Batch Jobs
- Monitor Spark execution on Hadoop clusters
- Publish and consume messages in a Kafka topic using Standard Jobs
- Publish and consume messages in a Kafka topic using Spark Streaming Jobs

Course Prerequisites

- Completion of Introduction to Talend Studio, Talend Data Integration Basics, or Talend Data Integration Advanced.

- Monitor streaming executions in Spark
- Understand how Schema Registry integrates with Talend Jobs

Audience

- Data Integration Developer

Course Outline

- Big Data in context
- Connecting to the Hadoop cluster
- Reading and writing data in HDFS
- Processing Hive data in Standard Jobs
- Getting started with Spark Batch Jobs
- Getting started with Spark Streaming

Qlik.

Synchronizing Data with Qlik Replicate

Description

Synchronizing Data with Qlik Replicate provides a comprehensive introduction to the Qlik Replicate product, implementation considerations, and ongoing operational know-how.

Class Type and Duration
- Instructor-led
- 2 days
- Self-paced learning

Course Prerequisites
- None

Audience
- Data Architects
- Database Administrators
- Data Analysts

Course Outline
- Qlik Replicate Overview
- Installing Qlik Replicate and Understanding the Data Folder
- Create a Source Endpoint in Qlik Replicate
- Create a Target Endpoint with Qlik Replicate
- Understanding Tasks and Task Settings in Qlik Replicate
- Understanding Transformations in Qlik Replicate
- Understanding Error Handling in Qlik Replicate
- Learn about Control Tables in Qlik Replicate
- Explore Data Types in Qlik Replicate
- Examine Notifications and the Job Scheduler in Qlik Replicate
- Explore Log Stream
- Logging and Troubleshooting Qlik Replicate

Qlik

Qlik Compose Certification

Description

The Qlik Compose Certification Exam measures your ability to design, implement, and support automated data warehouse and data lake solutions within the Qlik Data Integration Compose platform. Visit our [website](#) for more information.

Format
- 55 multiple choice questions
- 2 hours

Audience
- Data Warehouse Architect
- Data Lake Architect
- Data Engineer

Exam Prerequisites

- At least 2-3 years of experience implementing data warehouse and/or data lake solutions
- Familiarity with data warehouse architectures and all phases of the data warehouse development life cycle
- Ability to interpret business requirements into viable solutions

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.
For the latest information, search for "Data Integration Certification" on qlik.com.

Qlik

Talend API Services Certified Developer Exam

Description

Qlik Talend Data Integration certification exams measure your skills to ensure that you have the knowledge to successfully implement quality Talend API Services projects. This certification exam covers Talend API Services and API management (API Designer and API Tester), including REST and SOAP services implementation, design and testing of APIs, handling JSON mappings using Talend Data Mapper, Route implementation, and best practices.

Format
- 55 multiple choice questions
- 90 minutes

Audience
- Application Developer

Exam Prerequisites

- At least six months of experience using Talend products
- Knowledge and experience with Talend API Services (Routes, SOAP web services, and REST services)
- Background knowledge of Talend Cloud Management Console
- Knowledge of Talend API Management (API Designer and API Tester) and Talend Data Mapper

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.

Qlik

Talend Cloud Certified Administrator Exam

Description

Qlik Talend Data Integration certification exams measure your skills to ensure that you have the knowledge to successfully implement quality projects. This certification exam covers Talend Cloud administration and migration from Talend on-premises products to Talend Cloud. Topics include, but are not limited to, Talend Cloud architecture and applications, user management in Talend Cloud, deployment and scheduling, remote engines, managing and promoting environments and workspaces, managing Git projects, and administrating migration from Talend on-premises products to Talend Cloud.

Format
- 45 multiple choice questions
- 55 minutes

Audience
- System Administrator

Exam Prerequisites

- At least six months of experience using Talend products
- Experience with Talend Cloud administration, architecture, and applications
- Thorough knowledge of Talend Management Console
- Experience of migration from on-premises to Talend Cloud

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.

Qlik

Talend Big Data Certified Developer using Talend Studio Exam

Description

Qlik Talend Data Integration certification exams are designed to be challenging to ensure that you have the skills to successfully implement quality projects. This certification exam covers the Talend Big Data Basics, Talend Big Data Advanced – Spark Batch, and Talend Big Data Advanced – Spark Streaming learning plans. The emphasis is on the Talend and Big Data architectures, Hadoop ecosystems, Spark, Spark on YARN, Kafka, and Kerberos.

Format
- 55 multiple choice questions
- 90 minutes

Audience
- Data Integration Developer

Exam Prerequisites

- At least six months of experience using Talend products
- General knowledge of Hadoop (HDFS, Hive, HBase, YARN), Spark, Kafka, Talend Big Data and cloud storage architectures, and Spark Universal
- Experience with Talend Big Data solutions and Talend Studio, including metadata creation, configuration, and troubleshooting

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.

Qlik

Talend Certified Sales Professional Exam

Description

Qlik Talend Data Integration certification exams are designed to be challenging to ensure that you have the skills to successfully sell Talend Solutions. This certification exam covers the knowledge and skills necessary to understand which Qlik Talend products and solutions are the best fit to customers' requirements. The certification focuses on the primary use cases, Talend Data Fabric applications, and capabilities.

Format
- 30 multiple choice questions
- 60 minutes

Audience
- Data Integration Sales
- Data Integration Pre-sales
- Business Users

Exam Prerequisites

- Experience selling data integration, application integration, and data management solutions
- Knowledge of data management, data governance, and software development practices
- Ability to articulate Qlik solutions and services

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

The Talend Certified Sales Professional exam is available to Qlik employees and Partners only.

Exam duration and number of questions is subject to change.

Qlik

Talend Certified Solution Architect Exam

Description

Qlik Talend Data Integration certification exams are designed to be challenging to ensure that you have the skills to successfully implement quality projects. This certification exam covers the knowledge and skills necessary to design, implement, and deploy high performance Qlik solutions using tools, technologies, and best practices to meet an organization's requirements and needs.

Format
- 45 multiple choice questions
- 90 minutes

Audience
- All

Exam Prerequisites

- At least three or more years of experience in data integration, application integration, and data management
- Knowledge of Talend Data Fabric and data management architectural styles: batch event driven, real-time, and streaming
- Experience in applying customer solutions using Talend Data Fabric, reference architectures, and best practices for sizing, performance, security, and privacy
- Ability to articulate Qlik Talend solutions and services

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

The Talend Certified Solution Architect exam is available to Qlik employees and Partners only.

Exam duration and number of questions is subject to change.

Qlik

Talend Core Certified Developer Exam

Description

Qlik Talend Data Integration certification exams are designed to be challenging to ensure that you have the skills to successfully implement quality projects. This certification exam covers the fundamental knowledge and skills necessary to develop and deploy high-availability Talend Jobs, services, and solutions, including configuring and implementing data fabric security measures.

Format
- 45 multiple choice questions
- 90 minutes

Audience
- Technical Consultants
- Senior Staff
- Developers

Exam Prerequisites

- At least six months of experience using Talend products
- General knowledge of Talend Data Integration architecture model and solutions
- Experience with data integration solutions, Talend API Services REST services and mediation routes, pipeline designing, Data Inventory connections and trust scores, data preparation, managing and running tasks and plans in Talend Cloud Management, and establishing Data Fabric security measures

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

The Talend Core Certified Developer exam is only available to Qlik employees and Partners.

Exam duration and number of questions is subject to change.

Qlik

Talend Data Catalog Certified Implementer Exam

Description

Qlik Talend Data Integration certification exams are designed to be challenging to ensure that you have the skills to successfully implement quality projects. This certification exam covers the Talend Data Catalog features. Test coverage also includes the Talend Data Catalog application, the configuration of the application and associated database servers, as well as Talend Data Catalog REST API management.

Format
- 55 multiple choice questions
- 90 minutes

Audience
- Data Governance Developer

Exam Prerequisites

- At least six months of experience using Talend products
- Knowledge and experience with Talend data cataloging, Business Intelligence (BI) systems metadata management, and model management
- Knowledge of data transformation processes using BI tools, ETL tools, data stores, data marts, data warehouses, and data models
- Familiarity with the Talend Data Catalog user interface
- Knowledge of Talend Data Catalog REST API management

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.

Qlik

Talend Data Integration Certified Administrator Exam

Description

Qlik Talend Data Integration certification exams are designed to be challenging to ensure that you have the skills to successfully implement quality projects. This certification exam covers topics related to the administration of a comprehensive Talend solution in an enterprise setting. Emphasis is placed on system architecture, with a focus on all the parts and subsystems that support a complete, collaborative development environment.

Format
- 50 multiple choice questions
- 60 minutes

Audience
- System Administrator

Exam Prerequisites

- At least six months of experience using Talend products
- General knowledge of data integration architecture and advanced features such as parallelization
- Experience with Talend Data Integration solutions, including manual installation and configuration, project management, user management, Job deployment strategies, and troubleshooting of common issues

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.

Qlik

Talend Data Integration Certified Developer using Talend Studio Exam

Description

This certification exam covers topics related to the development of Talend Studio data integration Jobs. Topics include, but are not limited to, using Talend Studio in a stand-alone and collaborative team environment to build, analyze, and test Jobs, accessing files and databases, joining and filtering data, orchestrating complex tasks, and following best practices.

Format
- 55 multiple choice questions
- 90 minutes

Audience
- Data Integration Developer

Exam Prerequisites

- At least six months of experience using Talend products
- General knowledge of data integration architecture and advanced features such as parallelization
- Experience with Talend Studio, including manual installation and configuration, project management, user management, Job deployment strategies, and troubleshooting of common issues

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.

Qlik.

Talend Data Quality Certified Implementer Exam

Description

Qlik Talend Data Integration certification exams are designed to be challenging to ensure that you have the skills to successfully implement quality projects. This certification exam covers the knowledge and skills necessary to use cloud-based and on-premises services to monitor and assess data quality and to analyze and align data for accuracy to identify and resolve data integrity issues.

Format
- 45 multiple choice questions
- 90 minutes

Audience
- Data Governance Developer

Exam Prerequisites

- At least six months of experience using Talend products
- Experience with data preparation, data stewardship, data inventory, and data analysis in Talend Cloud
- Thorough knowledge of data processing and management
- Familiarity with data quality features within Talend Studio

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.

Qlik

Qlik Replicate Certification

Description

The Qlik Replicate Certification Exam measures your ability to design, manage, and troubleshoot within the Qlik Data Integration Replicate platform. Visit our [website](#) for more information.

Format
- 60 multiple choice questions
- 2 hours

Audience
- Data Engineers
- Database and Storage Admins
- System Admins
- Software Developers

Exam Prerequisites
- At least one year of practical experience with the Replicate platform
- Expertise in using the platform to onboard different sources and address different targets
- Comprehensive understanding of what comprises the Replicate platform

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change.
For the latest information, search for "Data Integration Certification" on qlik.com.

Qlik.

Specialized Courses

Qlik Education

Predictive Analytics with Qlik AutoML

Description

Predictive Analytics with Qlik AutoML will help you master Qlik AutoML in practical applications. In this course users will explore Machine Learning algorithms and metrics, and engage in hands-on exercises to solve binary, multi-classification, and regression problems. Without needing to code, in just one day, you'll gain the skills to solve real-world business problems, visualize predictive insights, and make data-driven decisions. It's the perfect way to bring the power of machine learning to your everyday work.

Class Type and Duration

- Instructor-led
- 1 day

Course Prerequisites

- 3+ months of experience using the Qlik Cloud (Qlik Sense SaaS) platform
- Recommended: Create Visualizations with Qlik Sense
- Recommended: Data Modeling for Qlik Sense

Audience

- Business Analysts
- Data Architects
- Data Scientists

Skills Learned

- Discuss basic Machine Learning concepts
- Discuss the purpose, capabilities and limitations of Qlik AutoML, as well as the types of problems it can solve
- Prepare training and apply datasets for AutoML experiments and deployments
- Create AutoML Experiments to train models
- Create AutoML Deployments to deploy models and perform predictions
- Discuss advanced AutoML concepts such as Model Optimization and Hyperparameters
- Discuss the different prediction methods (Manual, Synchronized, Real-time)

- Discuss the different output files generated by ML Deployments.
- Create Qlik Sense visualizations to analyze and interpret the output of AutoML predictions and make informed conclusions

Course Outline

- Introduction to Qlik AutoML
- Preparing for and Creating ML Experiments
- Deploying Models and Performing Predictions
- Visualizing and Interpreting Predictions

Qlik

Qlik Application Automation

Description

This course will help you master Qlik Application Automation in practical business cases. Explore the Automation Interface and learn about blocks and connectors. Create automations from scratch or use already existing templates that require little configuration. Learn how to connect to Qlik applications and external SaaS platforms. Without needing to code, in just one day, you'll gain the skills to solve real-world business problems and make data-driven decisions. It's the perfect way to bring the power of machine learning to your everyday work.

Class Type and Duration

- Instructor-led
- 1 day

Course Prerequisites

- 3+ months of experience using the Qlik Cloud (Qlik Sense SaaS) platform
- Recommended: Data Modeling for Qlik Sense
- Recommended: Create Visualizations with Qlik Sense

Audience

- Business Analysts
- Data Architects
- Data Scientists
- System Administrator

Skills Learned

- Understand Application Automation and its key features
- Identify potential use cases where Application Automation is beneficial
- Explain when to use the Editor, Overview, and Connectors
- Explore blocks and when to use them
- Provide examples of external connectors that could be used to enhance Qlik Cloud
- Learn how to connect to Qlik applications and external SaaS and cloud platforms
- Learn how to configure and work with templates

Course Outline

- Introduction to Qlik Application Automation
- Navigating within the Automation Interface
- Block and Connector basics
- Building custom automations
- Using templates
- Showcases of advanced builds of automations

Qlik

Data Literacy and Analytics

Qlik Education

Data Literacy Program Overview

Today, data literacy is as important as reading or writing. But, the world is facing a major skills gap. That's why we're on a mission to help people and organizations understand, analyze, and use data with confidence.

In our information-driven world, every individual needs to know how to transform data into actionable insights fast. And we mean every individual-students, entry-level employees, managers, C-level executives, and everyone in between. Our goal is to give you the tools, learning, and strategies you need to achieve data literacy for all.

Learn the new language of business

The program delivers the following benefits for individuals and organizations:

Data literacy for everyone

Regardless of your role, skill level, or the BI tools you use, this program has something to offer—from data skill building to fostering a culture of data literacy in your organization.

Make confident data-informed decisions

Improve your decision-making skills by learning to ask the right questions from your data, interpret your findings, and take informed action.

Gain an edge in the era of data

Data literacy is a critical skill to develop a more effective workforce while also helping students become more attractive job candidates.

What is Data Literacy?
The ability to read, work with, analyze, and communicate with data.

Learning options

Choose from a full range of educational options to improve your data literacy and even become certified. Our program isn't focused on specific analytics products—it's built around widely adopted analytics and statistical concepts you can use in any context. Consulting services are also available.

| Assessment | Instructor-Led Learning | Self-Paced Learning | Certification | Academic Program |

For more information and to get started: qlik.com/us/data-literacy

Qlik

Data Literacy Program:

Data Literacy Launch Services

Description

Organizations deploying Qlik's Data Literacy Launch Services will benefit from an increased data literate organization and a culture that is better prepared and ready to use data, in addition to adopting data and analytical strategy as a means of driving top- and bottom-line performance. Working with Qlik's Data Literacy advisors, organizations' program leaders will develop the skills needed to launch, maintain and measure the impact of a data literacy program. Participants will have a better understanding of foundational data concepts, how to ask analytical questions, analytical techniques, a framework for making data-informed decisions and application of these skills and techniques in business scenarios.

Benefits

- Empower your users by providing them with the skills and motivation they need to make data-informed decisions

- Increase user adoption and ROI for your technology investments

- Train-the-trainer, leveraging best practices and proven methodology

Features

- Planning and Strategy Sessions: Advisory and Consulting on how to launch, maintain and measure the effectiveness of a data literacy program.

- Executive Briefing / Workshop:
  - What is data literacy? What is business impact of data literacy? How to motivate and incentivize employees to use data?
  - Participant pre- and post-assessment
  - Prescriptive student learning plans
  - Instructor-led classes
  - Participant office hours
  - Program assessment and evaluation

Delivery and Duration

- Virtual

- Blended Learning Experience (Online and Instructor-Led)

- 12-Weeks

Qlik.

Data Literacy Program:

On-Demand Curriculum

Description

As organizations look to develop skills and changes in behaviors to leverage data effectively, there is a requirement for training. Qlik provides a comprehensive suite of solutions to accelerate an organization's ability to create and develop a data literate culture, consisting of training courses, assessments, and an administrative dashboard to track and monitor progress. Qlik's online, on-demand courses are designed with a business-user mindset, incorporating relatable case study scenarios into video-based, and are supported with reference guides and quizzes. They cover topics from overview of data literacy, to data fundamentals, foundational analytics, data-informed decision making, and advanced analytics.

Class Type and Duration

- On-demand
- 1 hour per topic, 15-25 minutes per course

Skills Learned

- Understand the key characteristics of data and analytical strategies
- Apply data literacy to organizations
- Apply data literacy to one's own career
- Tie data and analytics to business goals and objectives
- Help an organization evolve its culture to succeed with data
- Grow trust within data and analytics
- Ask good questions of data to gain insight from data
- Overcome cognitive bias
- Construct sound business and analytical questions
- Drive curiosity within an organization

Course Prerequisites

- Desire to learn and build key skills in data literacy, data and analytical culture, and decision making with data

Topics Covered

- Overview of Data Literacy
- Data Fundamentals
- Data-Informed Decision Making
- Analytical Techniques
- Advanced Analytics

Audience

- Anyone who uses data to help make decisions in an organization.

Assessments and Examinations

- Data Persona Assessment
- Data Literacy Skills Assessment
- Data Literacy Skills Assessment
- Data Literacy Certification Exam
- Data Analytics Certification Exam

Qlik

Table of Contents

Here you will find all the information you need about Qlik's portfolio of Data Literacy offerings:

Qlik

Data Literacy Program:

Data Literacy Leadership Workshop

Description

Critical and analytical thinking are key skills in today's data-driven world and help make effective leaders. Qlik's Data Literacy Leadership Workshop is flexible and can be delivered in one day or two half days. Leaders will develop and enhance their ability to leverage data and lead teams to leverage data through an immersive experience consisting of lectures, case study discussions, collaborative exercises, and interactive experiential simulations incorporating teamwork and collaboration, proving first-hand use with Data-Informed Decision Making.

Class Type and Duration

- Instructor-led
- 1 day or 2 half days

Course Prerequisites

None

Audience

Executives and Senior Managers, who would benefit from a better understanding of hot to leverage analytics in decision making

Skills Learned

- Value of data literacy to organizations
- Role of leadership in data and analytics
- Characteristics of a data-driven culture
- Utilize the four levels of analytics properly from the beginning
- How to drive positive behaviors for the use of data within your organization?
- What is data-driven process?
- Framework for making decisions with data

- Learning to ask good (analytical business) questions
- Developing stronger business KPIs
- Interpreting visualizations perspective
- Communicating with data
- Data and analytics strategy

Qlik

Data Literacy Program:

Data Literacy Certification

Description

The Data Literacy Certification Exam is a product-agnostic exam that measures your ability to interpret business requirements; understand and transform data; design, build, and interpret visualizations; and analyze, act on, and share results. To take the exam, visit this page in the Qlik Learning (login with Qlik Account).

Format

- Comprehensive scenario-based questions
- 70 questions
- 2.5 hours

Audience

Anyone who works with data and wishes to measure their data literacy skills

Exam Prerequisites

Qlik Learning:

- All courses in the Overview of Data Literacy section
- All courses in the Data Fundamentals section
- All courses in the Data-Informed Decision-Making section
- Under the Analytical Techniques section, the Understanding Signal and Noise and Correlation vs Causation courses

Books:

- *The Functional Art* by Alberto Cairo
- *Data Visualization* by Andy Kirk

Benefits

Validate your skills to read, work with, analyze, and argue with data

Analytics:

Data Analytics Certification

Description

The Data Analytics Certification Exam measures your analytic and statistics knowledge, from a basic to advanced level. The exam is product-agnostic and covers four categories of analytics: Data Foundations, Foundational Analytics, Interpretation of Analytics, and Advanced Analytics. To take the exam, visit this page in the Qlik Learning.

Format

- Comprehensive scenario-based questions
- 70 questions
- 2 hours

Audience

Recommended for Data Analysts and Data Scientists

Exam Prerequisites

Qlik Learning:

- All courses in the Overview of Data Literacy section

- All courses in the Data Fundamentals section

- All courses in the Analytical Techniques section

- All courses in the Data-Informed Decision-Making section

- All courses in the Advanced Analytics section

Since there are many topics covered in this comprehensive exam, additional resources are recommended, for example the podcast, Data Skeptic.

Benefits

Validate your technical ability within the world of data, analytics, data science, and data literacy. The exam covers technical aspects of statistics and analytics, including the ability to use data visualizations appropriately.

Qlik

QlikView Certifications

Qlik Education

QlikView Business Analyst Certification

Description

The QlikView Business Analyst Certification Exam focuses on the user interface design of QlikView applications. The certification is suggested for all roles involved in the approach, design, and layout of the QlikView application user interface. This exam gauges your ability to gather and interpret requirements, identify and analyze data sources, and design and develop the application user interface. Visit our website for more information.

Format

- Comprehensive scenario-based questions
- 50 multiple choice questions
- 2 hours

Audience

- Business Analysts

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam Prerequisites

- Basic knowledge of Business Intelligence, reporting, data analysis
- Experience working with QlikView to design applications
- Visualization and user interface design experience

Exam duration and number of questions is subject to change. For the latest information, search for "QlikView Certification" on qlik.com.

Qlik

QlikView Data Architect Certification

Description

The QlikView Data Architect Certification Exam tests the technical skills necessary to develop (design and script) and deploy QlikView applications. The exam focuses on the technical aspects of developing a QlikView application and is suggested for those in technical roles such as sales engineering, support, and implementation. This exam measures your ability to gather and interpret requirements, identify and analyze data sources, create the associative data model, design and develop the application user interface, and deliver the QlikView application. Visit our website for more information.

Note: Passing the QlikView Data Architect exam grants you both the Data Architect and Business Analyst certifications.

Format

- Comprehensive scenario-based questions
- 60 multiple choice questions
- 2 hours

Audience

- Business Analysts
- Data Architects

Exam Prerequisites

- Advanced knowledge of Business Intelligence, reporting, and/or data analysis
- Knowledge of SQL and/or other scripting languages, data modeling, data visualization and advanced QlikView functions
- Practical experience working with QlikView to design and develop applications
- User interface design experience

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change. For the latest information, search for "QlikView Certification" on qlik.com.

Qlik

QlikView System Administrator Certification

Description

The QlikView System Administrator Certification Exam confirms you have the appropriate technical infrastructure knowledge, perform administrative tasks, troubleshoot problems and errors, and the skills and experience to support QlikView deployments. It also verifies that you understand the best approaches to set up and run QlikView Server and Publisher installations in complex IT environments.

The certification is suggested for IT system administration professionals. Visit our website for more information.

Format

- Comprehensive scenario-based questions
- 60 multiple choice questions
- 2 hours

Audience

- System Administrators

Exam Prerequisites

- Experience working with QlikView Server and Publisher
- Knowledge and experience with Microsoft Windows Server based environments, Windows Firewall, Windows IIS and IIS Management Console
- Experience with tools to troubleshoot connectivity, interoperability, configuration, and performance, such as NSLookUp, Telnet, Ping, NetStat, and more
- Basic SQL and ODBC/OLEDB connections
- Windows Services Applet
- Knowledge of basic NTFS rights and Windows Network file share setup

Benefits

With Qlik certification, you can benchmark your skills against an established and objective level of competency, as well as confirm your level of expertise. The program also helps to ensure consistency and quality of services and support.

Exam duration and number of questions is subject to change. For the latest information, search for "QlikView Certification" on qlik.com.

Qlik.

Programs

Qlik Education

Qlik Skills Assessment

Description

Don't know where to start with your training? The Qlik Skills Assessment is a complimentary resource for all users that helps you quickly and easily evaluate your ability to design, develop, or administer Qlik applications. Upon completing the free assessment, you'll receive an email with a personalized recommendation for the training courses that will help you expand your skills. Test your skills today!

Benefits

- Understand where you are on your Qlik learning journey for free
- Determine which Qlik training class to begin with, based on your current skills
- Measure the skill level of your team and determine where there are gaps
- Take the assessment multiple times
- Measure progress before and after training

Features

- Available for Qlik Sense, Data Literacy, and Data Analytics
- Select the role that best fits what you do: Business Analyst, Data Architect, and System Administrator
- Take the test at qlik.com/skills-assessment
- Receive custom training plan with recommended courses to help you further develop your Qlik skills
- Team assessment also available (contact your local training manager to schedule)

Qlik

Custom Application Training

Description

Custom Application Training is designed specifically for business users and delivers everything you need to ensure they are ready to start using Qlik as quickly and effectively as possible. With custom training designed for your Qlik applications, your organization increases application adoption and the overall value of your investment in Qlik. For more details on the program, please visit our Custom Application Training page. For questions, contact us.

Benefits

- Empower your users by providing them with the skills and motivation they need
- Increase user adoption and ROI for your application
- Leverage expert training resources to make your application highly relevant to your users

Features

- A Learning consultant and instructional designer work with you throughout the engagement, from training design through rollout
- Customized training videos and reference materials designed specifically for your Qlik application
- Launch kit including best practices guide and communication templates for launching your training program

Looking for customized business user training and tailored training workshops delivered by Qlik Instructors? Business User Accelerator Package might be the right fit for you.

To Learn more, contact us.

Qlik

Qlik Academic Program

Description

The bar is rising when it comes to success. Students preparing for careers in today's challenging, global, data-driven environment need to know more. They're required to have exceptionally strong analytical and data literacy skills, plus the right tools to keep pace with rapid change and faster decision-making. Our Qlik Academic Program meets personal and professional needs, giving students and educators must-have resources to succeed. Both take advantage of the most up-to-date data analytics curriculum, education, training, and platform. Our program extends to qualified university educators, students, and researchers interested in discovering and generating insights using free Qlik software and resources to become the next generation of experts leading with data. To apply for the program, visit our Academic Program website. For questions, please contact academicprogram@qlik.com.

Benefits

- We help students advance their analytical and data literacy skills within every academic discipline
- We help educators deliver a richer learning experience by providing complimentary, powerful tools and resources
- We help universities improve the value of their programs and stay competitive in a fast-paced, data-driven environment

Features

Joining the program grants access to the following for free:

- Access to Qlik Sense Business valid for one year
- Access to the Qlik Learning online learning content
- Earn a Qlik Sense Qualification by applying your skills and testing your knowledge, and receive a printable certificate and a digital badge
- Data Analytics curriculum featuring lecture notes, on-demand videos, handouts, activities, and a real-world, interactive business use case
- Access to Qlik Community Academic Program Space, a forum for educators and students to access resources, collaborate with others, and share experiences
- Customer support

Program Qualifications

The Qlik® Academic Program is open to any accredited university-level institution worldwide. Participation will be considered for:

- Educators and students using Qlik for academic purposes within a qualified academic institution.
- Researchers using Qlik for academic research, involving students associated with a qualified academic institution. The research may not be funded by grant money, nor can it be used for profit. Participants may not share their software with anyone outside of the research assignment, including the university administration.

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To learn more about our education offerings or to register for a course, go to qlik.com/training.

Please contact us for additional information.