Qlik

Education Catalog

Courses, Certifications and 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 your users to:

- Start using Qlik applications 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 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, system administrator or web developer, 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 that the user accesses in their day-to-day job) at the right time in the deployment life cycle.

Our learning content covers not only the capabilities and competencies of Qlik's products, but also analytics and data literacy learning - 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's social visual analytics potential enable them to collaborate on analytics 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 which remove common learning barriers and provide users with a structured path to take full advantage of Qlik's products.

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Qlik Education in Figures

Training available globally via Virtual and Blended learning

140K

Course completions for self-paced learning in 2023

15

Languages self-paced content is available

5,511

skills assessments were taken in 2023

790

certifications were earned in 2023

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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

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 at a public classroom location, privately (perfect option when you have a group of up to 10 users) at your office or virtually.

Blended Learning

Blended learning combines self-paced learning (theory, hands-on exercises and demonstrations) and virtual instructor-led live webinars. Once enrolled in the course, access to the course content is immediate. No need to wait for an upcoming class schedule! Watch the recorded sessions when you are ready and attend a live instructor webinar to get answers to your questions.

Self-paced Training

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

Role-based Education

All our training options are role-based, to ensure that all essential job-related tasks are covered in each role's core courses, while tasks that apply to only certain users, as well as 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 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 of documents |

| **Enterprise Architect** | Architect and secure your Qlik platform, user accessibility and application access rule administration |

| **Web Developer** | Extend apps with custom visualizations |

Qlik

Qlik Learning Portal

Our Qlik Learning Portal is your one-stop shop for all your learning needs. Take our pre-training assessments and post-training qualifications and certifications. Access our self-paced online courses inside the Qlik Continuous Classroom. Register for instructor-led classes and find all the supporting training materials for the class you are attending. Stay current with access to the very latest resources.
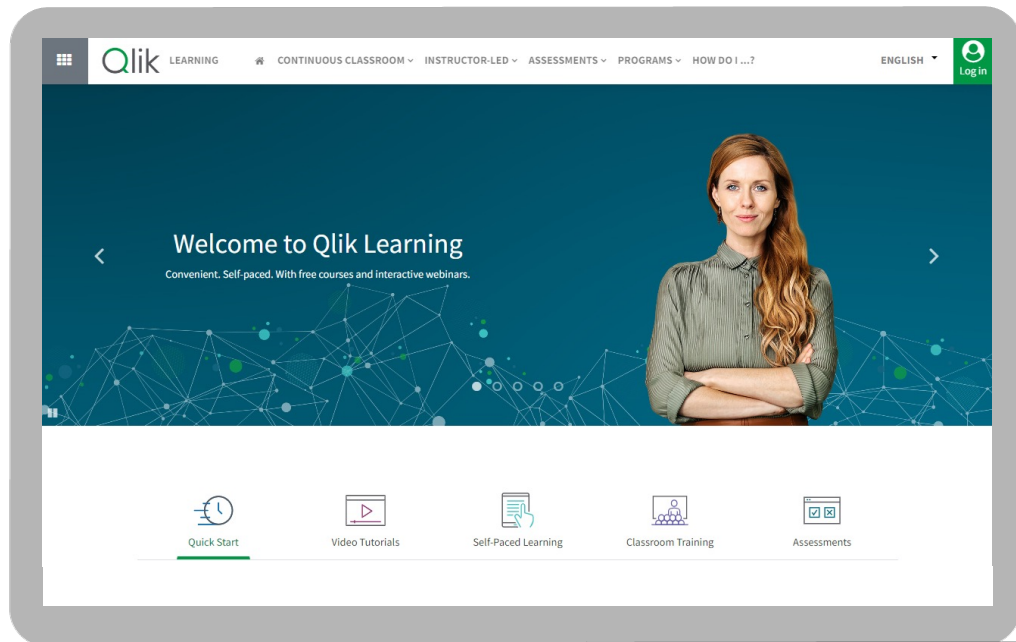
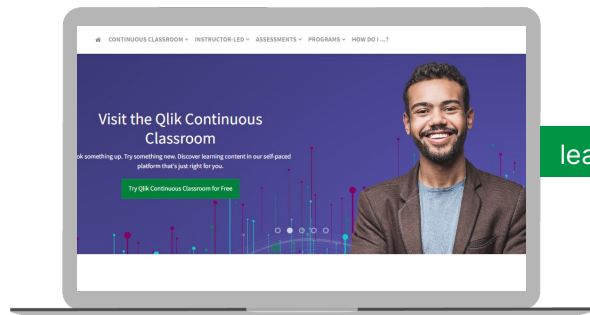Video Tutorials

Self-Paced Training

Instructor-Led Materials

Resource Library

learning.qlik.com

Qlik Continuous Classroom

The Qlik Continuous Classroom is our 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. The Qlik Continuous Classroom is the perfect training complement to ensure success in your continuous learning journey.

learning.qlik.com/qcc

Look it up. Learn it. Right when you need it.

- Video-based learning modules
- Reference guides, exercises and quizzes
- Smart search for learning at point of need
- Live webinars and 1:1 instructor course support
- Personalized learning plans

Annual subscriptions

	New User FREE FOR ALL	Individual PAID			Corporate PAID
		BA	DA	FULL ACCESS	UNLIMITED
Business User	●	●	●	●	●
Data Literacy	◐	◐	◐	●	●
Business Analyst (BA)	◐	●		●	●
Data Architect (DA)	◐		●	●	●
System Administrator				●	●
How Do I's Videos	●	●	●	●	●
Other Resources*		●	●	●	●

* Qualifications exams, live webinars, 1:1 instructor course support

Private Webinars and Tailored Learning Sites are available to Unlimited customers. To learn more, contact your local Education Representative.

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

Table of Contents

Find here all the information you need about Qlik's portfolio of education services offerings. It is organized into five main sections:

Qlik

Qlik Sense Courses and Certifications

Qlik Education

Qlik Sense 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

Blended Learning

Blended learning combines self-paced learning (theory, hands-on exercises and demonstrations) and virtual instructor-led live webinars.

Qlik.

	Core Learning	Elective Learning	Self-Paced Learning
	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 Continuous Classroom courses are available.
Business User	Custom Application Training (bespoke on-demand)		Qlik Continuous Classroom for Business User (Free)
Business Analyst	Create Visualizations with Qlik Sense Create Reports with Qlik Nprinting	Advanced Topics in Design and Development	Qlik Continuous Classroom for Business Analyst
Data Architect	Data Modeling for Qlik Sense		
System Administrator or Enterprise Architect	Deploy and Administer Qlik Sense Deploy and Administer Qlik Sense for SaaS		Qlik Continuous Classroom for Data Architect
Web Developer	Available upon Request	Available upon Request	Available upon Request

Create Visualizations with Qlik Sense

Description

Create Visualizations with Qlik Sense, a scenario-based course, addresses the fundamentals required to enable you for 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)
- Recommended: Understanding Data Principle

Audience

- Business Analysts
- Data Architects

Skills Learned

- Build Qlik Sense dashboards.
- Learn how to select the appropriate visualization/s 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 for you to 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
- Recommended: Understanding Data Principles

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- premise 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 3rd 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 editions cloud
- 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 is intended for business analysts who need to be able to build and distribute static reports based on Qlik Sense products. The course will cover: Web Console configuration, generation of reports, 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
- PixelPerfect 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 script, and data modeling strategies. It provides hands-on examples 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 QlikViewData (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 and 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-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 6 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, etc.

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

Qlik Data Integration Courses and Certifications

Qlik Education

Qlik Replicate

Description

Synchronizing Data with Qlik Replicate will provide a comprehensive introduction to the Qlik Replicate product, implementation considerations as well as ongoing operational know- how. This includes an overview of the product GUI, prerequisites for installation, configuring tasks, applying transformations, setting up notifications, using APIs, and monitoring the environment.

Class Type and Duration
- Instructor-led
- Blended 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 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

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

Data Literacy and Analytics

Qlik Education

Data Literacy Program:

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 also available.

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

For more information and to get started: qlik.com/GetDataLiterate

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, a culture better prepared and ready to use data, in addition, adopt 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 & Instructor-Led)

- 12-Weeks

Qlik

Data Literacy Program:

Data Literacy Organization Benchmark Survey

Description

Compare your organization against Qlik's Corporate Data Literacy Index and obtain a baseline of your organization's Data Literacy Skills (Human Capital), Data-Informed Decision-Making behaviors and Data Dispersion. Utilizing Qlik's Data Literacy Survey, Chief Data Officers, Business Leaders, Enterprise Learning Leaders and Analytics Leaders will understand more about their employees' skills & behaviors towards data, strengths & gaps and areas to prioritize & target.

Benefits

- Benchmark yourself against Qlik's Corporate Data Literacy Index of 600+ public facing organizations across industries and regions
- Identify gaps and strengths in data skills and behaviors across the organization
- Target and prioritize training and technology investments to drive data-driven behaviors

Features

- Access to Qlik's 50+ question Data Literacy Organization Survey
- Guidance on Executive target survey population
- Analysis of survey data
- Benchmark against Qlik's Corporate Data Literacy Index
- Executive Readout
- Export of survey data

Delivery and Duration

- Virtual
- 4-to-6 weeks
- 1-hour a week commitment by program stakeholder

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 being able to 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 day

Course Prerequisites

None

Audience

Executives and Sr. 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 a 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:

Creating a Data Literate Organization

Description

Creating a Data Literate Organization is an introductory, instructor-led course designed to provide attendees with a strong understanding of the principles, culture, and skills needed to create a data literate organization.

Class Type and Duration

- Instructor-led
- 1 day

Course Prerequisites

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

Audience

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

Skills Learned

- Understand the key characteristics of data and analytical strategies
- Apply data literacy to organizations
- Apply data literacy to one's own personal 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
- Begin the process of building and utilizing data storytelling
- Create a culture of data literacy
- Utilize the four levels of analytics properly from a beginning perspective

Course Outline

Part 1 – Data Literacy Overview

- Current state of data in the world
- Data structure and trust within organizations
- Democratization of data
- Data and analytical strategy
- The four levels of analytics and associated roles in data and analytical strategy
- State of data literacy in the world
- Defining and learning data literacy and its characteristics

Part 2 – Data Literacy Culture

- Value of data literacy to organizations
- Role of leadership in data and analytics
- Key characteristics of a data literate culture
- Role of the Chief Data Officer

Part 3 – Data-Informed Decision Making

- Data-informed, decision-making framework
- Six-phase approach to making decisions with data
- Learning to ask good questions of data
- Applying mental models to decision making

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Analytics:

Understanding Data Principles

Description

Understanding Data Principles is an introductory, instructor-led course focusing on beginning concepts in statistics and analytics, and their importance in the world today. This course provides learners an opportunity to explore various preliminary topics concerning why statistics and analytics are important in today's data environment, allowing students to develop a foundation for strong analytical knowledge. In addition, this course will help organizations become more data literate, allowing them to differentiate themselves from their competition.

Class Type and Duration

- Instructor-led
- 1 day

Course Prerequisites

None

Audience

Anyone beginning in analytics and statistics, and for those already trained in these fields looking for a refresh.

Skills Learned

- Increased knowledge of Data Literacy
- Increased knowledge regarding data and aggregations
- Understanding of the analytical mind-set
- Foundational thoughts of analytics: signal and noise, probability, and inference
- Purpose of distribution analysis, the standard deviation
- Stronger understanding of sampling and bias, including a look into polling
- Dive into hypothesis testing and false positive and false negatives errors
- A look into correlation and causation, including regression analysis

Course Outline

- Data Literacy
- Data and aggregations
- Analytical mindset
- Signal and noise, probability, statistical inference
- Distributions and standard deviation
- Sampling and bias
- A/B testing and Type I and II errors
- Correlation vs causation
- Scatter plot analysis
- Regression analysis

Qlik

Data Literacy Program:

Data Literacy Certification

Description

The Data Literacy Certification Exam is a product-agnostic exam which 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 Portal (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 Continuous Classroom:

- 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

Qlik

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 Portal.

Format

- Comprehensive scenario based questions
- 70 questions
- 2 hours

Audience

Recommended for Data Analysts and Data Scientists

Exam Prerequisites

Qlik Continuous Classroom:

- 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.

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QlikView Courses and Certifications

Qlik Education

QlikView Course Overview

Self-paced Learning

Self-paced learning platform 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

Blended Learning

Blended learning combines self-paced learning (theory, hands-on exercises and demonstrations) and virtual instructor-led live webinars.

	Core Learning	Elective Learning	Self-Paced Learning
	Fundamental concepts and best practices. Competency in most frequently used job skills. Can lead to certification. Instructor-led and Virtual Instructor-lead Training classes are available.	Solutions and best practices for common challenges. Specialized tasks related to job functions. On-demand, Instructor-led Training, Virtual Instructor-lead Training and customized special events are available.	A virtual environment for on-demand videos, online collaboration and expert instruction. Qlik Continuous Classroom courses are available.
Business User	Custom Application Training (bespoke on-demand)		
Business Analyst	Available upon Request	Advanced Topics in Design and Development	Qlik Continuous Classroom for Business Analyst
Data Architect	Available upon Request	Advanced Topics in Design and Development	Qlik Continuous Classroom for Data Architect
System Administrator or Enterprise Architect	Available upon Request		

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 script, and data modeling strategies. It provides hands-on examples and demonstrates how these concepts can be applied to various business cases.

Class Type and Duration

- Instructor-led or Virtual 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 QlikViewData (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

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, etc.
- 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

- 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 discovery 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 Continuous Classroom online learning content
- Earn a Qlik Sense Qualification by applying your skills and testing your knowledge. 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.