



**QLIK SENSE**

# Software Development Life Cycle (SDLC) in Qlik Cloud

**Qlik**



# Introduction

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In this training, we guide you through all phases of the **Software Development Lifecycle** (SDLC) in Qlik Cloud – from initial planning and development to secure deployment. You will learn how to create a structured and efficient environment for developing and managing your Qlik applications and resources.

A key focus of this course is the **strategic use of different space types** – Personal, Shared, and Managed – to clearly separate and effectively manage your development, test, and production processes. You will learn how to navigate your projects through the various SDLC phases flexibly and securely using features like GetSysAttr and integrated version control.

Additionally, we will support you in building a Business Glossary to standardize key terms and definitions. This promotes consistent terminology and ensures high data integrity across the organization.

Through hands-on exercises and interactive sessions, you'll acquire the knowledge and skills needed to make the most of your Qlik Cloud environment. Our training is designed for companies aiming to implement their Qlik projects in a structured and future-proof way – from the initial concept to a production-ready application.



## Course Objectives And Skills Acquired

### Key Skills Developed:

- ◆ **User Management and Role Assignment:** Efficiently assign roles and manage permissions within Qlik Cloud.
- ◆ **Space Management:** Utilize and manage different spaces (Personal, Shared, Managed, Data) for structured organization of development processes.
- ◆ **Version Control and Documentation:** Best practices for consistent version management and documentation of changes.

## Recommended For The Following User Roles

This course is aimed at new Qlik Cloud users, as well as Qlik Sense or QlikView On-Prem users who are currently transitioning to the Cloud or planning to do so in the near future.

### Target Audience:

- ◆ Qlik Cloud Administrators
- ◆ Qlik Cloud Developers
- ◆ SDLC Process Owners in Qlik Cloud



# Agenda

Module	Learning Objectives	Content
<p><b>01.</b></p> <p><b>Introduction to the SDLC in Qlik Cloud</b></p>	<ul style="list-style-type: none"> <li>Understand the fundamental components of the SDLC in Qlik Cloud.</li> <li>Recognize the benefits of a structured SDLC for quality assurance and governance.</li> </ul>	<ul style="list-style-type: none"> <li>Overview of the SDLC and its advantages in Qlik Cloud.</li> <li>Comparison of agile and traditional methods in the SDLC.</li> </ul>
<p><b>02.</b></p> <p><b>User Management and SDLC Preparation</b></p>	<ul style="list-style-type: none"> <li>Understand the fundamental components of the SDLC in Qlik Cloud.</li> <li>Recognize the benefits of a structured SDLC for quality assurance and governance.</li> </ul>	<ul style="list-style-type: none"> <li>IdP integration for user account synchronization.</li> <li>License management and permissions.</li> <li>Role-based access control on tenant and space levels.</li> </ul>
<p><b>03.</b></p> <p><b>Spaces and Their Role in the SDLC from Prototype to Production</b></p>	<ul style="list-style-type: none"> <li>Understand the different space types and their use within the SDLC.</li> <li>Structure and utilize spaces throughout the entire lifecycle of an app.</li> </ul>	<ul style="list-style-type: none"> <li>Explanation of space types (Personal, Shared, Managed, Data) and their role in the SDLC.</li> <li>Options for structuring and managing spaces.</li> <li>Hands-on: Creating and managing spaces and apps from prototype to production.</li> </ul>
<p><b>04.</b></p> <p><b>Managing Spaces and Data Connections</b></p>	<ul style="list-style-type: none"> <li>Learn to set up and manage spaces and data connections.</li> <li>Understand best practices for managing data connections across different SDLC phases.</li> </ul>	<ul style="list-style-type: none"> <li>Access rights and role assignment for spaces and data connections.</li> <li>Naming conventions and structuring data connections.</li> <li>Introduction to on-premise data access through Qlik Data Gateway.</li> <li>Hands-on: Configuring and managing data connections.</li> </ul>

Module	Learning Objectives	Content
<p><b>05.</b></p> <p><b>Automated Space Selection in Scripts</b></p>	<ul style="list-style-type: none"> <li>• Use the GetSysAttr function for automated space selection in scripts.</li> <li>• Adjust data connections and app content dynamically based on environment.</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction and application of the GetSysAttr function.</li> <li>• Dynamic adjustments for different SDLC phases (development, test, production).</li> <li>• Hands-on: Implementing the GetSysAttr function in a script.</li> </ul>
<p><b>06.</b></p> <p><b>Version Control and SDLC Tooling</b></p>	<ul style="list-style-type: none"> <li>• Get an overview of integrated version control in Qlik Cloud and additional options.</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated version control and version history in Qlik Cloud.</li> <li>• Integration with external tools for collaborative development.</li> <li>• Hands-on: Version management and recovery.</li> </ul>
<p><b>07.</b></p> <p><b>Building a Business Glossary</b></p>	<ul style="list-style-type: none"> <li>• Understand the importance and use of a Business Glossary for terminology standardization.</li> <li>• Manage and link glossary terms for consistent data usage.</li> </ul>	<ul style="list-style-type: none"> <li>• Definition and management of a Business Glossary.</li> <li>• Creation and categorization of terms.</li> <li>• Integration and linking with master items in Qlik Cloud.</li> <li>• Hands-on: Creating and linking glossary terms.</li> </ul>

## Duration:

- ◇ **8 hours + 2 hours** for individual training challenges

## The course package includes:

- ◇ Up to **4** participants.
- ◇ **Location:** Online, BE-terna locations, or at the client's site (all travel and accommodation costs are covered by the client).
- ◇ **Access to Learning Platform:** All training materials are centrally stored and accessible at any time.
- ◇ **Practical Exercises:** Emphasis on hands-on application through assignments.
- ◇ **Assignment Review:** Coaching and individual support.
- ◇ **Point of Contact for Questions and Support.**



**Contact for BE-Qlik Academy**  
Data Analyst and Product Owner  
Michael Sullmann MSc

T +43 512 362060 330  
M +43 676 840991 330  
[Michael.Sullmann@be-terna.com](mailto:Michael.Sullmann@be-terna.com)

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business solutions? We're here for you.

[www.be-terna.com](http://www.be-terna.com)

