

# CATALYST BI

## QLIK TRAINING



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**Qlik Training by the Qlik Experts**  
**MULTI DAY COURSES**



## BASIC TRAINING

# QLIK SENSE

## It's what we are here for

With over 15 years experience in delivering Qlik workshops, Catalyst BI Qlik Sense Training Courses have all the expertly designed coursework and training materials you'll need to adopt Qlik products faster and maximise their capabilities.

### Recommended Standard Training (3 Days)

#### Day 1 | Fundamentals (1 Day)



This module provides a comprehensive introduction to Qlik and covers the basic skills needed to load data using Data Manager through to the meaningful analysis and presentation of results.

- Getting started
- Loading data – Data Manager
- Linking tables
- Presenting data
- Creating calculations
- Alternate Measures and Dimensions
- Visual cues
- Insight Advisor

#### Advanced Application Development (2 Days)

#### Day 2 | Structuring & Manipulating Data in Qlik (1 Day)



##### Structuring Data in Qlik

- Introduction to the Catalyst BI Universal Data Architecture (UDA)
- Connecting to a database
- Simplifying development through structured Scripting and using Templates
- How to create Qlik Data Files
- Effective use of variables
- How to create a generic Link table

##### Manipulating Data in Qlik

- Joining tables
- Concatenating tables
- Creating mapping tables
- Formatting data fields
- Qlik script functions
- Script debugging

#### Day 3 | Application Design (1 Day)



##### Advanced Design

- Design Do's and Don'ts
- Application Structure
- Appropriate chart selection
- Formatting tips and tricks

##### Set Analysis

- What is Set Analysis?
- Where is it useful?
- Basic syntax
- Compare Dept A against Dept B
- This Year vs. Last Year comparison
- Complex Nested Set Analysis

## ADDITIONAL BASIC TRAINING COURSES



### ✓ Administration (1/2 Day)

- Using the QMC (Qlik Sense Management Console)
- Managing Users and Licences
- Server objects
- Scheduling document reloads / distribution tasks
- Log files - monitoring server performance and usage
- Streams
- Troubleshooting

### ✓ Application Security (1/2 day)

- Security Rules
- A step by step guide to setting up and maintaining application Section Access
- Custom Properties
- Appropriate use of Security Rules / Section Access / Custom Properties
- Learn the Security 'tricks of the trade' for Qlik Sense

**OUR AIM IS TO  
PROVIDE TRAINING  
THAT GIVES  
UNBEATABLE  
RETURNS ON HOW  
MUCH YOU LEARN  
VERSUS THE TME  
YOU INVEST**



**THE CATALYST BI METHODOLOGY PROVIDES THE STRONG FOUNDATION ON WHICH OUR ANALYSIS GROWS AND ADAPTS WITH OUR NEEDS.**

**- Thomas Philip, Business Systems Analyst - Mersey Rail**

## ADVANCED TRAINING

# QLIK SENSE

## It's what we are here for

Catalyst BI strong team of Qlik certified trainers have a wealth of experience in delivering Advanced Qlik Sense training, so you can be assured you will be receiving the highest level of quality when you need Qlik training.



### GeoAnalytics (1 Day)

- This module provides a comprehensive introduction to Qlik Geoanalytics and covers the basic knowledge needed to load data through to the meaningful analysis and presentation of results in a Geographical form.



### Advanced Development Techniques (1 Day)

- Learn how to use alternate states to create powerful data comparisons
- Use the AGGR function to achieve nested Multi level chart aggregation
- Advanced Calendar techniques (Master Calendar, Canonical Calendar)



### Qlik Sense for QlikView Developers (1 Day)

- This will cover the same topics as the Fundamentals course however the trainer will pay particular attention to highlighting the differences between Qlikview and Qlik Sense where appropriate for a more familiar audience.



### NPrinting (1 Day)

- Learn how to create Qlik NPrinting scheduled reports with rich content including Excel, Word, PowerPoint and HTML.
- Nprinting Structure
- Apps
- Connections
- Reports and Report Development
- Tasks
- Administration & User Management
- On Demand

## WORKSHOPS AND PACKAGES

### ✓ Bring Your Own Data Workshop (1 Day)

Once you've learnt the fundamentals of Qlik Sense we will help you to continue building your Qlik Sense skills by having you, under the supervision of your Catalyst Instructor, start building your own application using your own data using the principles that you learnt on the previous courses.

### ✓ Security and Governance Framework (3+ Days)

This workshop will help you develop your Security framework and manage the governance of your system based on your own system requirements. The number of days required will depend on size and complexity of your environment and the rules you wish to apply.

### ✓ Qlik API's and Mashups (1 Day)

This course is designed to get you up and running using the Qlik Sense API's to develop applications in a Mashup environment.

### ✓ Starter Plus Training Package (2+ Days)

Start the first day with the Fundamentals course described previously. Once you've learnt the fundamentals of Qlik Sense in the second day we will help you to continue building your Qlik Sense skills by having you, under the supervision of your Catalyst Instructor, build your own application using your own data.

Once you've completed our Qlik Starter Plus Training, Catalyst BI will help you to continue to build your Qlik Sense skills by providing your team with ongoing support. You'll be able to contact our trainers and schedule a call to ask them any Qlik Sense related questions. We'll ensure that our advice is valuable and economical with our Ongoing Starter Plus Support which will be broken down and invoiced in 30 minute buckets, ensuring whether

**BE SURE YOU  
ARE PRODUCING  
QUALITY,  
STANDARDISED AND  
REUSABLE QLIK  
APPLICATIONS.**



**THE TRAINING WAS EXCELLENT, NOT ONLY THE TRAINER'S EXPERTISE THROUGHOUT ALL OF THE MODULES, BUT ALSO THE CATALYST BI METHODOLOGY AND GROUND WORK WILL SAVE US SO MUCH TIME.**

**- Paul Uren, Business Intelligence Manager, Plymouth Hospitals NHS Trust**

## ADVANCED TRAINING

# QLIK SENSE SAAS

## It's what we are here for

Our training courses in the cloud are a great way to try out the SaaS edition of Qlik Sense, or to continue building on your existing skills.

### Recommended Standard Training (3 Days)

#### Day 1 | Fundamentals (1 Day)



This module provides a comprehensive introduction to Qlik Sense SAAS and covers the basic skills needed to load data and create a complex application in Qlik Sense SAAS with meaningful analysis and effective presentation of results.

- Getting started
- Loading data – Data Manager
- Linking tables
- Presenting data
- Creating calculations
- Drill Down and Cyclic groups
- Visual cues
- Application Scripting

#### Advanced Application Development (2 Days)

#### Day 2 | Structuring and Manipulating Data (1 Day)



##### Structuring Data in Qlik

- Introduction to the Catalyst BI Universal Data Architecture (UDA) and its implementation in a SAAS environment.
- Connecting to a database and Qlik Data Transfer
- Simplifying development through structured
- Scripting and using Templates
- How to create Qlik Data Files
  - Effective use of variables
  - How to create a generic Link table

##### Manipulating Data in Qlik

- Joining tables
- Concatenating tables
- Creating mapping tables
- Formatting data fields
- Qlik script functions
- Script debugging

#### Day 3 | Application Design (1 Day)



##### Advanced Design

- Design Do's and Don'ts
- Application Structure
- Appropriate chart selection
- Formatting tips and tricks
- Getting started
- Loading data – Data Manager
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- Visual cues
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##### Set Analysis

- What is Set Analysis?
- Where is it useful?
- Basic syntax
- Compare Dept A against Dept B
- This Year vs. Last Year comparison

**GIVING YOU  
WORLD CLASS  
RESOURCES TO  
ADOPT QLIK  
AND IMPROVE  
DATA LITERACY**



**THE DAY WAS INFORMATIVE, INTERESTING AND WELL WORTH ATTENDING. I WOULD RECOMMEND IT TO ANYONE TRYING TO LAUNCH QLIK IN THEIR WORKPLACE.**

**Allison Schofield, Data Warehouse Manager - West Suffolk Hospital NHS Trust**



# THANK YOU

## Catalyst BI Qlik Training



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