iQ-Training™

2014 Course Catalog

Qualex's iQ-Training™ is the solution to your training needs; it is a solution for organizations that, before or after implementing SAS® solutions, need additional support to Train their system's users, developers and administrators. Qualex offers individual training courses and bundles of courses, as well as consultation on and creation of custom training solutions. All of these services are provided at a low cost, with high quality and maximum accessibility. Whether you have just been introduced to SAS® or are a seasoned veteran, Qualex's skilled consultants are available to offer hands-on classes in the following SAS® software applications and solutions:

> ➢ **Data Integration**
> ➢ **Platform Administration**
> ➢ **Business Intelligence/EBI**
> ➢ **Customer Intelligence**
> ➢ **Marketing Automation**
> ➢ **Visual Analytics**
> ➢ **JMP/Statistics**

In addition to SAS®-specific training, Qualex's skilled consultants are also available to offer hands-on classes in the following software applications and architectures:

> ➢ **Tableau Software**
> ➢ **Teradata Databases**
> ➢ **OLAP Architectures**
> ➢ **Columnar Database Architectures**

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Qualex offers flexible delivery methods, including:

- ➢ **Classroom training (in our office or at your site)**
- ➢ **Live web courses**
- ➢ **Self-paced e-learning**
- ➢ **Web videos and demos**

SAS® Data Integration

SAS® Data Integration Studio I - Introduction

This course provides an overview of SAS®'s Data Integration Studio application, how to navigate the application, and creating and working with jobs in Data Integration Studio.

SAS® Data Integration Studio II – Advanced Topics

This course covers impact analysis and reporting, as well as creating and working with transformations in Data Integration Studio.

Integrating SAS® with Teradata®

This course provides an overview of options for integrating SAS® with Teradata®, and tips and tricks for optimizing performance when integrating SAS® with Teradata®.

SAS® Platform Administration

Essential Unix for Platform Administrators

This course covers the basic Unix commands required for platform administrators, but may be useful to advanced SAS® users and SAS® BI developers, as well.

Logging and Performance in your SAS® Platform

This course provides an overview of logging and troubleshooting options for SAS® installations, and is geared toward platform administrators.

SAS® Business Intelligence/EBI

SAS® Information Map Studio I – Introduction

This course provides an introduction to SAS®'s Information Map Studio application, and walks through the preparation for and creation of Information Maps, as well as how to access the Information Maps from outside of Information Map Studio.

SAS® Information Map Studio II - Advanced Topics

This course covers additional topics for SAS® Information Map Studio users, such as pre-filters, tables, and cascading prompts.

SAS® Add-in for Microsoft Office® I - Introduction

This course provides an introduction to the SAS® Add-in for Microsoft Office®, including using the add-in to access SAS® sources and to create SAS® sources from Microsoft Word®, Microsoft Excel® and Microsoft PowerPoint®.

SAS® Add-in for Microsoft Office II - Developing Applications

This course covers developing applications for SAS®'s Add-in for Microsoft Office®, including making data available, creating custom prompts,

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creating and publishing stored processes for use in SAS® Add-in for Microsoft Office®.

SAS® Web Report Studio I – Introduction

This course provides an overview of SAS®'s Web Report Studio application, and walks through preparing for, creating, and viewing Web Reports using the application.

SAS® Web Report Studio II - Advanced Topics

This course covers advanced design options and query techniques available in SAS®'s Web Report Studio application, as well as some troubleshooting techniques for Web Report Studio reports.

SAS® BI Dashboard I – Introduction

This course provides a basic introduction to SAS® BI Dashboards, including viewing them, features available within BI Dashboards and how to use them, and how to work in the BI Dashboard Portlet.

SAS® BI Dashboard II - Advanced Topics

This course covers designing SAS® BI Dashboards, including defining input ranges and indicators, using the SAS® BI Dashboard Designer, and adding custom features and alerts to dashboards.

SAS® Information Delivery Portal I – Introduction

This course provides an overview of the SAS® Information Delivery Portal and its applications, including viewing and managing content in the Information Delivery Portal, as well as personalization and customization of the Information Delivery Portal.

SAS® Information Delivery Portal II – Developing Portlets

This course covers developing portlets for the SAS® Information Delivery Portal, including developing custom portlets, using the portlet API, and managing and administering custom portlets.

SAS® OLAP Cube Studio I – Introduction

This course provides an introduction to online analytical processing (OLAP) through the use of SAS®'s OLAP Cube Studio. It includes creating a simple OLAP cube, administering, modifying, and maintaining OLAP cubes, as well as accessing OLAP cubes.

SAS® OLAP Cube Studio II - Advanced Topics

This course provides a more technical overview of the SAS® OLAP environment, a more in-depth overview of OLAP cube design, and also covers the OLAP and OLAPOPERATE SAS® procedures.

SAS® Customer Intelligence/Marketing Automation

SAS® Customer Intelligence I – Introduction

This course provides an overview of SAS®'s Customer Intelligence offering, including the Common Data Model, Integration Utilities, SAS®

SAS® Marketing Optimization I – Introduction

This course provides an introduction to SAS®'s Marketing Optimization product, part of the SAS®

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Digital Marketing, SAS® Marketing Automation, SAS® Marketing Optimization, and SAS®'s Real-Time Decision Manager applications.

SAS® Customer Intelligence II – Integration Utilities

This course covers the Integration Utilities application in the SAS® Customer Intelligence Suite, including security and process models, the command line interface, extracting, importing, and logging in the integration utilities interface.

SAS® Marketing Automation I – Introduction

This course provides an introduction to SAS®'s Marketing Automation offering, as part of its Customer Intelligence Suite of applications. It includes an overview of SAS® Marketing Automation using SAS® Customer Intelligence Studio, as well as how to create campaigns and display information about them, and how to use SAS® Campaign Web Studio.

SAS® Marketing Automation II – Advanced Topics

This course covers advanced topics using SAS® Marketing Automation, including creating and using treatments, diagrams, and nodes, scheduling and executing communications and diagrams within SAS® Marketing Automation.

Customer Intelligence Suite of applications, including inputting data, working with scenarios and projects, optimization reports, and optimizing scenarios.

SAS® Marketing Optimization II – Advanced Topics

This course covers SAS®'s Marketing Optimization product, part of the SAS® Customer Intelligence Suite of applications, including analyzing and managing scenarios and using the data manager.

SAS® Digital Marketing

This course provides an introduction to SAS®'s Digital Marketing product, part of the SAS® Customer Intelligence Suite of applications. It includes an overview of SAS® Digital Marketing, as well as creating, managing, and tracking broadcasts.

SAS® Real-Time Decision Manager

This course provides an overview of the SAS® Real-Time Decision Manager product, part of the SAS® Customer Intelligence Suite of applications. It focuses on the real-time decision making options available with SAS®'s Customer Intelligence Suite, and assumes that SAS® Marketing Automation I and II have already been taken.

SAS® Visual Analytics

SAS® Visual Analytics I – Introduction
This course provides an overview of SAS®'s Visual Analytics offering, including the high level architecture, components, and an introduction to the SAS® Visual Data Builder, SAS® Analytics Administrator, Explorer, Designer, and Viewer.

JMP® and Statistics

JMP® Intro
This course provides an introduction to the JMP® application, data exploration and manipulation, graphical data exploration, and reporting and presenting results.

JMP® ANOVA and Regression
This course covers additional topics for JMP®, including an introduction to statistics, comparing means, analysis of variance (ANOVA), simple linear regression, multiple regression, regression diagnostics, and other ANOVA and regression topics and resources.

Statistics I
This course provides an introduction to basic statistics, including confidence intervals, hypothesis testing, analysis of variance (ANOVA), regression, and categorical data analysis.

Statistics II
This course covers more advanced statistical topics, including multiple regression, regression diagnostics, ANOVA, regression using indicator variables and analysis of covariance, generalized linear models, and mixed models.

Forecast Server
This course covers an introduction to SAS® Forecast Server using applied examples.

Statistics I Using SAS® Enterprise Guide
This course covers provides an introduction to statistics (equivalent to Statistics I), but utilizing examples via the SAS® Enterprise Guide graphical user interface instead of explicitly programming in SAS®.

Tableau

Tableau I – Introduction
This course provides an overview of Tableau software, including connecting to and working

Tableau II - Advanced Topics
This course covers advanced topics in Tableau software, including calculations, mapping, sorting and grouping, filtering, blending, and parameters.

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with data sources, formatting, creating views, and analyzing.

Teradata Databases

Teradata Optimization I – Optimizing Teradata Tables for Querying, OLAP, and Analytics
This course is designed to provide an overview of best practices for optimizing Teradata tables for data retrieval via querying, OLAP, and analytics..

Architecture and Design Courses

OLAP I – OLAP Fundamentals
This course is designed to provide an overview of Online Analytical Processing (OLAP), including the purpose, benefits and pitfalls, considerations, and basic OLAP technical architecture and design.

OLAP II – Advanced OLAP Design: ROLAP, MOLAP, and HOLAP
This course is designed to provide an overview of OLAP architectural options, including relational, multidimensional, and hybrid OLAP designs.

Custom Training Solutions

Custom Self-Paced Learning
Qualex provides consulting, design, and development solutions for custom self-paced learning courses.

Custom Classroom Training
Qualex provides consulting, design, and presentation of custom classroom training, which can be offered in our office or at your site.

Custom Live Web Learning
Qualex provides consulting, design, development and presentation solutions for custom live web courses.

Custom Web Demos and Tutorials
Qualex provides consulting, design, and development solutions for custom web demonstrations and tutorials.