



Course Summaries

Business Intelligence

Advanced Training

SolidQ offers instruction worldwide, providing solid, cutting-edge training, led by quality industry experts. Our Private Training is surprisingly affordable for as few as two or three students. When you weigh the time, money, and value allocated to a custom private training experience you'll find that private classes can maximize your investment.

Project Delivery

Do it right the first time. SolidQ delivers customized client solutions applying best practices and leveraging lessons learned and a full understanding of product roadmaps. A focused team of our worldclass experts develops more effectively and with less rework to assure timely project success at an overall lower total cost to develop.

Expert Mentoring

SolidQ provides solid client support and quality technical consulting. While blending hands-on mentoring with remote technical support, SolidQ enhances the traditional consulting experience by becoming a key part of your company's team and generating sustainable best business practices.



BI Overview General / Multiple Technologies

Designing Effective BI Systems

4-Day (BI-DSNEFCT-201-EN)

Designing a great BI system is not just about being able to use the software; it's also about getting the overall design right. This course specifically doesn't cover how to drive any particular software. Instead, it looks at the complete design process for a BI system, focusing on the architectural challenges and design issues that arise when building business intelligence solutions. Dimensional modeling is examined in detail and compared and contrasted with relational modeling. This enables attendees to evaluate the pros and cons of the Inmon and Kimball models of warehouse design. The course then looks at the challenges of data cleansing and effective ETL design. Finally it takes a look at how data mining can be used effectively.

Microsoft BI Bootcamp: SQL Server 2008, Office System 2007 and PerformancePoint Server 2007

5-Day (BI-BTCMP08-201-EN)

This intensive workshop gives professional developers the information and hands-on experience they need to deliver state-of-the-art, integrated reporting and analytic solutions using business intelligence. Attendees will learn how to design and build powerful integrated solutions that provide users with rich reporting, analysis, visualization and performance management capabilities by targeting operational data from an existing line-of-business application using the Microsoft business intelligence platform.

Microsoft BI Bootcamp: SQL Server 2008 R2 and Office 2010

5-Day (BI-BTCMP10-201-EN)

This workshop is delivered with the same professional standards as the BI Bootcamp: SQL Server 2008 workshop; new features include Office 2010, SharePoint 2010, Visio 2010, PowerPivot, R2 Analysis Services and R2 Reporting Services including report dev 3.0, Microsoft Office PerformancePoint Server 2007 Monitoring & Analytics.

Microsoft Office PerformancePoint Server 2007 Monitoring & Analytics

3-Day (BI-PPS07MA-201-EN)

Written and delivered by industry experts, this three-day course provides students with the technical skills required to design, develop and manage interactive dashboards using Microsoft Office PerformancePoint Server (PPS) 2007 Monitoring. The course consists of lessons, demonstrations and comprehensive "real world" student lab exercises and a case study.

SQL Server 2008 End-to-End Business Intelligence Workshop

5-Day (BI-BIE2E08-201-EN)

Business intelligence solutions provide the infrastructure that enables users at all levels of a business to make better decisions based on more accurate and up-to-date information. This workshop focuses on teaching IT professionals the best practices and skills required to successfully design, build, deploy, and operate a business intelligence solution using SQL Server 2008 Integration Services, Analysis Services and Reporting Services.

Relational Data Warehousing

Dimensional Modeling Workshop

1-Day (BI-DIMMODD-101-EN)

This workshop focuses on the basic design patterns for building relational database structures for data mart or data warehouse applications on SQL Server. The workshop begins with an overview of dimensional modeling theory and builds on the justification by reviewing the core structures involved in data marts and data warehouses: conformed dimension tables and fact tables. The workshop then applies these principles to implementation practices for SQL Server including storage and indexing best practices. The workshop concludes with a review of meta data management for dimensional modeling including ETL batch and lineage tracking, auditing, and reporting.

Integration Services

Enterprise ETL with SQL Server Integration Services 2005 & 2008

4-Day (BI-ISETL08-301-EN)

During this course, you will learn the ins and outs of SSIS and how to apply its enterprise functionality to data warehouse ETL systems. At the completion of this course, you will understand how to design, develop, deploy, and operate SSIS solutions from source systems extractions, to data integration and transformation, to business intelligence system loading, including how to process SQL Server Analysis Services (SSAS) cubes. This course will demonstrate a fully working ETL solution, including extensive demos, sample projects that will not only teach how to use the new technology, but also illustrate business intelligence ETL and data warehouse best practices.

SQL Server 2005 & 2008 Integration Services for Database Professionals

4-Day (SQ-ISDBA08-301-EN)

In the current marketplace, database administration (DBA) and data architecture skills need to go beyond just the maintenance and design of relational databases. The volume and complexity of data is always increasing and data professionals need to know how to integrate, maintain, and process data for varying purposes. This workshop prepares the database professional with the skills needed for applying SQL Server 2005 & 2008 Integration Services (SSIS) to enterprise DBA and data architecture tasks, including SSIS administration.

SQL Server 2005 & 2008 Integration Services End-to-End

5-Day (BI-ISE2E08-301-EN)

During this training, you will learn the ins and outs of SSIS and how to apply its enterprise functionality to DBA data management, file handling operations, and data warehouse ETL systems. You will understand how to design, develop, deploy, and operate SSIS solutions from source systems extractions, SSIS administration, data integration and transformation, and business intelligence system loading.

Analysis Services - OLAP

Solving Business Problems with MDX in SQL Server 2008

3-Day (BI-MDX2008-301-EN)

This hands-on, instructor-led course guides you step-by-step through the Analysis Service 2008 Multi Dimensional eXpression (MDX) OLAP query language. You will learn a practical approach to solve real-world problems using MDX expressions, calculations and queries, which will allow users to extract valuable information.

Designing and Developing Solutions with SQL Server 2008 Analysis Services

4-Day (BI-ASDVS08-301-EN)

During this course, you will learn to design, develop, and deploy an analytical solution using SQL Server 2008 Analysis Services (SSAS). This course demonstrates design and development best practices as you build a fully working analytical solution. SSAS enables IT professionals to rapidly build and deploy powerful analytical solutions that enable business users to analyze business data and achieve competitive advantage. SSAS enables rapid application development, increases performance and functionality, and reduces the costs and complexity of operation.

Deploying, Operating, and Tuning an Analysis Services 2008 Solution

3-Day (BI-ASTUN08-301-EN)

During this course, you will learn to deploy and tune an Analysis Services solution. You then will learn to update data in a production environment while minimizing its impact on performance. Finally, you will learn to collect and analyze data to improve processing and querying performance.



Analysis Services – Data Mining

Data Mining with SQL Server 2008

3-Day (BI-DMNNG08-401-EN)

In this course, attendees learn how to use Data Mining to find advanced patterns in their data, and perform predictions based on the patterns found using SQL Server 2008 Analysis Services. After the course, you will be able to: describe what Data Mining is; explain the process of a project; explore and understand your data using descriptive statistics, OLAP cubes, reports and other tools; prepare the data to make better models; understand the Data Mining algorithms, and when to use them; create Data Mining Models and browse them; evaluate models to find the one that gives best results; use SQL Server 2008 Integration Services Data Mining tasks; do Text Mining with Integration Services; understand Data Mining Extensions (DMX) language; and deploy Data Mining models in production using custom application, OLAP cubes or reports developed with SQL Server 2008 Reporting Services.

Reporting Services

SQL Server 2008 Reporting Services for Developers

4-Day (BI-RSDEV08-301-EN)

This course will cover the main extensibility points of SQL Server Reporting Services 2008. Students will learn how to enhance and extend the product functionality by creating custom controls and developing data processing extensions. They will also learn how to supplement the security infrastructure using security extensions, develop new delivery and rendering options as well as how to introduce more advanced techniques into the report design experience through custom and embedded .NET code. This course also covers interaction with the Report Server web service and how to integrate a Reporting Services experience directly into your custom business applications.