



MICROSOFT TRAINING

Microsoft Sql Server Business Intelligence Courses

Master Microsoft SQL Server BI tools like SSIS, SSAS, and SSRS. Transform data into actionable insights for effective decision-making.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the power of data to drive strategic business decisions with our Microsoft SQL Server Business Intelligence (BI) course. This intermediate-level program provides a comprehensive overview of the core technologies within the Microsoft BI stack, including SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS), and SQL Server Reporting Services (SSRS). You will gain foundational knowledge in extracting, transforming, and loading data, building analytical data models, and designing interactive reports.

This course is designed for IT professionals, data analysts, and developers looking to leverage Microsoft's robust BI capabilities. You will learn how to move beyond raw data, create meaningful data warehouses, develop multidimensional or tabular data models for complex analysis, and present clear, impactful reports to stakeholders. Mastering these tools will significantly enhance your ability to contribute to data-driven strategies, optimize business processes, and provide critical insights for growth.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Foundations of Business Intelligence with SQL Server

- Defining Business Intelligence and its importance
- Overview of the Microsoft BI Stack (SSIS, SSAS, SSRS)
- Introduction to Data Warehousing principles
- Understanding OLTP vs OLAP systems
- Role of SQL Server in a modern BI ecosystem

02 Module 2: Introduction to Data Integration with SSIS

- Purpose and architecture of SQL Server Integration Services (SSIS)
- Basic ETL (Extract, Transform, Load) concepts
- Creating a simple SSIS package using the Import/Export Wizard
- Overview of Data Flow Components: Sources, Destinations, and basic Transformations
- Executing and troubleshooting basic SSIS packages

03 Module 3: Exploring Data Analysis with SSAS (Tabular Models)

- Introduction to SQL Server Analysis Services (SSAS) for analytical databases
- Overview of Tabular Models: Concepts and benefits
- Key components: Measures, Hierarchies, and Relationships
- Introduction to Data Analysis Expressions (DAX) for querying and simple calculations
- Connecting to and browsing a simple Tabular Model

04 Module 4: Basic Reporting with SSRS

- Purpose and architecture of SQL Server Reporting Services (SSRS)
- Creating a basic Paginated Report using Report Builder or Visual Studio
- Connecting to various data sources (SQL Server databases, SSAS models)
- Designing a simple report layout: Tables, Matrices, and basic Charts
- Deploying and accessing reports through the Report Server

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Business Intelligence Developer**
- > **Data Warehouse Assistant**
- > **BI Report Analyst**

FREQUENTLY ASKED QUESTIONS

Q: How will mastering SQL Server BI tools like SSIS, SSAS, and SSRS enhance my ability to drive business insights?

This course provides you with the foundational skills to collect and clean data using SSIS, create robust analytical models with SSAS for deep insights, and present those insights clearly through SSRS reports. This end-to-end understanding enables you to transform raw data into actionable intelligence, directly influencing strategic decisions and improving business performance within your organization.

Q: What prior knowledge or technical skills are recommended before enrolling in this Microsoft SQL Server Business Intelligence course?

While this is an intermediate course, it assumes you have a fundamental understanding of relational databases and basic SQL querying. Familiarity with Microsoft Windows operating systems and Office applications (especially Excel) will also be beneficial. No prior experience with SSIS, SSAS, or SSRS is required, as the course will introduce these concepts.

Q: Given the 2-hour course duration, what level of proficiency can I expect to achieve with SSIS, SSAS, and SSRS, and how does this prepare me for further BI specialization?

This 2-hour course provides a high-level, practical introduction to the core components of Microsoft SQL Server BI. You will gain a clear understanding of what each tool does, how they integrate, and how to perform basic tasks within each. This foundational knowledge is excellent for building a conceptual framework and serves as an ideal springboard for further specialized training in advanced SSIS package development, complex SSAS model design, or intricate SSRS report creation.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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