

MS Business Intelligence

Business Intelligence Master's Program



The Business Intelligence Master's Program is designed to bring professionals to the next level in their career. Learn to design and develop business intelligence systems that

help reduce the complexity of organizing and distributing information for mid-size to large-size organizations through the use of Microsoft Business Intelligence tools.

The BI Master's Program covers:

- Basic & Advanced Querying & Programming using MS SQL Server 2008 T-SQL
- MS SQL Server 2008 Integration Services (SSIS)
- Data Warehousing Fundamentals
- MS SQL Server 2008 Analysis Services (SSAS)
- MDX Queries
- MS SQL Server 2008 Reporting Services (SSRS)
- Integrating Business Intelligence and PowerPivot with SharePoint 2010

Curriculum subject to change

The Master's Program uses customized training materials enhanced with exclusive, tailored content which includes exams, labs, and projects designed to test appropriate knowledge transfer.

Career Development

Candidates enrolled in the Master's Program receive critical job search and personal marketing counseling to increase their visibility, employability, and career resiliency.

In addition, SetFocus markets Master's Program candidates directly to its network of hiring partners and recruiters facilitating introductions, interviews, and follow up.

For enrollment information contact a Recruiting Specialist at **1-866-91-TRAIN**

Business Intelligence Curriculum

Topic 1 - Querying & Programming using MS SQL Server 2008 T-SQL

- Retrieving & Grouping Data
- Joins, Sub queries
- Modifying Data
- Implementing Constraints, Triggers, Views & Stored Procedures

Topic 2 - Advanced Querying & Programming using MS SQL Server 2008 T-SQL

- Hierarchies, recursive querying & spatial data
- Concurrency & locking
- Query performance tuning
- Database security & encryption

Topic 3 - MS SQL Server 2008 Integration Services

- Control Flow, Data Flows
- Error logging & handling
- Package Deployment & Management
- Scripting & custom components

Topic 4 - MS SQL Server Integration Services Project

Topic 5 - Data Warehousing Fundamentals

- Dimensional Modeling
- Retail Sales, Inventory, Procurement
- Order Management, CRM, Accounting
- HR Management, Financial Services

Topic 6 - MS SQL Server 2008 Analysis Services

- OLAP Modeling
- Cube Storage & Aggregation, MDX Expressions
- Introduction to Data Mining
- SSAS Optimization & Administration

Topic 7 - MDX Queries

- Calculated Members & Named Sets
- MDX Query Context & Execution
- Sorting & Ranking in MDX

Topic 8 - MS SQL Server Analysis Services Project

Topic 9 - MS SQL Server 2008 Reporting Services

- Tabular, List, Matrix Reports & Charts
- Calculation, Formatting, Grouping, Sorting & Parameterizing
- Security, Snapshots & Subscriptions
- Programming Reporting Services

Topic 10 - Integrating BI & PowerPivot with SharePoint 2010

- PerformancePoint Services Scorecards, Analytic Reports, Charts, Filters, Dashboard pages, & deployment
- SSRS Reports, Charts, Maps, Deployment & automatic delivery of reports
- Excel Services 2010 & PowerPivot

Topic 11 - SSRS/SP 2010 Project

Topic 12 - Final Project

Full-Time BI Master's Program – 12 Weeks

Part-Time Evening BI Master's Program – 36 Weeks