Managing SQL Business Intelligence Operations - MOC On Demand (MS-10988)

Modality: On Demand

Duration: 2 Days

SATV Value: 2

About this course:

This online training is available for the MS Official On-Demand training program for ninety days from the date of request, whether you have an annual membership fee or personal purchase of the program. After Ninety days of school registration, the program access will expire.

This on-demand program is focused on experts who handle BI processes from databases. This program looks at different options that offer business users the opportunity to analyze the data and share their results, beginning with controlled Business Intelligence data sources and extending to sources of private and external/public data.

The BI Professional can earn an average salary of $100,000 per annum.

Course Objective:

· Explain the main characteristics of a self-service Business Intelligence solution

· Explain the operational tasks of the Analysis services

· Explain Power Query

· Explain core SQL Server Business Intelligence capabilities in a SharePoint environment

· Define SharePoint Server with PowerPivot

· Define HDInsight on Windows Azure

Audience:

This online training is designed for:

· Professional business users.

· BI Professional

Prerequisites:

Besides their professional experience, participants already completing this training will have the

following knowledge and expertise:

· Introduction to simple programming (such as branching and looping) constructs

· Fundamental understanding of the topology of data warehouse schemas (such as snowflake and star schemes)

· It is important to be aware of the main market priorities, such as financial accounting, profitability, and revenue.

· Knowledge with applications for SharePoint Server and MS Office-particularly Excel

Course Outline:

Module 1: Introduction to Operational Management in BI Solutions

This module is designed to set the scene for the rest of the course.

Lessons

- Rationale for BI Operations
- Roles in BI Operations
- Technologies Used in BI Operations
- Environment and Operational Standards

Lab : Introduction to Operational Management in BI Solutions

After completing this module, you will be able to:

- Describe the rationale for BI operations.
- Describe roles in BI operations.
- Describe the technologies used in BI operations.
- Describe environments and operational standards.

Module 2: Configuring BI Components

This module focuses on optimizing the data platforms on which the BI solutions reside, adhering to best practice to meet the requirements of the business.

Lessons

- The Importance of Standardized Builds
- Configuration Considerations for BI Technologies
- BI Architectures
- SharePoint BI Environments

Lab : Configuring BI Components

After completing this module, you will be able to:

- Describe the importance of standardized builds.
- Describe the configuration considerations for BI technologies.
- Describe BI architectures.
- Describe SharePoint BI environments

Module 3: Managing Business Intelligence Security

This module discusses how managing the security of data within an organization should be the first priority for any operational team.

Lessons

- Security Approach to BI Solutions
- Security Components
- Security Approach for BI Components
- The Security Approach in Different BI Environments

Lab : Managing Business Intelligence Security

After completing this module, you will be able to:

- Describe the security approach to a BI solution.
- Understand the security components available.
- Apply the security components to BI technologies.
- Manage security in different environments

Module 4: Deploying BI Solutions

This module helps you to understand the tools that are available and the benefits they offer will help you to pick the right tool for the job and aid deployment.

Lessons

- Application Life Cycle Management for BI Solution
- Stand-Alone Deployments
- Team-Based Deployments

Lab : Deploying BI Solutions

After completing this module, you will be able to:

- Understand application life-cycle management for BI solutions.
- Understand stand-alone deployments.
- Understand team-based deployments

Module 5: Logging and Monitoring in BI Operations

This module introduces techniques to ensure the continued service of key applications that are used within the business.

Lessons

- The Need for Logging and Monitoring
- Logging Options
- Monitoring Options
- Setting Up Alerts

Lab : Monitoring BI Solutions

After completing this module, you will be able to:

- Describe the need for logging and monitoring.
- Use various logging options.
- Use monitoring tools.
- Set up notifications.

Module 6: Troubleshooting BI Solutions

This module introduces techniques to troubleshoot failed BI operations.

Lessons

- Troubleshoot Failed BI Solutions
- Troubleshooting the Data Warehouse
- Troubleshooting SQL Server Analysis Services
- Troubleshooting SQL Server Reporting Services

Lab : Troubleshooting BI Solutions

After completing this module, you will be able to:

- Troubleshoot failed BI solutions
- Troubleshoot data warehouses
- Troubleshoot Analysis Services
- Troubleshoot Reporting Services

Module 7: Performance Tuning BI Queries

This module introduces tuning the query aspects of the BI solution to improve performance.

Lessons

- The Need for Performance Tuning
- BI Queries to Performance Tune
- Tools for Performance Tuning

https://www.quickstart.com/   Contact Us: (866) 991-3924

- Remediating Performance Issues

Lab : Performance Tuning a BI Solution

After completing this module, you will be able to:

- Understand the need for performance tuning.
- Describe the BI queries required to carry out performance tuning.
- Use the tools for performance tuning.
- Remediate performance problems