

MSQ4-9 - MOC 10988 - MANAGING SQL BUSINESS INTELLIGENCE OPERATIONS

Categoria: **SQL Server 2017 e 2016**

INFORMAZIONI SUL CORSO



Durata:
3 Giorni



Categoria:
SQL Server 2017 e
2016



Qualifica Istruttore:
Microsoft Certified
Trainer



Dedicato a:
Professionista IT



Produttore:
Microsoft

OBIETTIVI

Descrivere le caratteristiche fondamentali di una soluzione self-service di BI
Descrivere le funzionalità chiave di SQL Server BI in un ambiente SharePoint
Descrivere i comuni compiti operativi di Analysis Services
Descrivere PowerPivot per SharePoint Server
Descrivere Power Query
Descrivere Windows Azure HDInsight

PREREQUISITI

Una certa conoscenza di base della topologia di uno schema di data warehouse (es. schemi a stella e a fiocco di neve)

Esposizione ai costrutti di base della programmazione (ad esempio, looping e branching)

Auspicabile anche una consapevolezza delle priorità di business (es. entrate, redditività e contabilità finanziaria).

CONTENUTI

Module 1: Introduction to Operational Management in BI Solutions

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

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

- 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

- 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

- 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

- 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

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

INFO

Materiale didattico: Materiale didattico in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)