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

Categoria: **SQL Server 2017 e 2016**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
3 Giorni	SQL Server 2017 e 2016	Microsoft Certified Trainer	Professionista IT	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)