

# 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 e relativo prezzo da concordare

**Costo materiale didattico:** NON incluso nel prezzo del corso

**Natura del corso:** Operativo (previsti lab su PC)