

MDAI-6 - MOC 20778 - ANALYZING DATA WITH POWERBI

Categoria: **Data & AI**

INFORMAZIONI SUL CORSO



Durata:
3 Giorni



Categoria:
Data & AI



Qualifica Istruttore:
Microsoft Certified
Trainer



Dedicato a:
Professionista IT



Produttore:
Microsoft

OBIETTIVI

After completing this course, students will be able to:

- Describe self-service BI.
- Describe the Power BI suite of products.
- Connect to data sources and optimize data models.
- Shape and combine data from different sources.
- Model data.
- Create reports and manage solutions.
- Describe the Power BI developer API.
- Describe the Power BI mobile app.

PREREQUISITI

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Basic knowledge of data warehouse schema topology (including star and snowflake schemas).
- Some exposure to basic programming concepts (such as looping and branching).
- An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable.
- Familiarity with Microsoft Office applications – particularly Excel.

CONTENUTI

Module 1: Introduction to Self-Service BI Solutions

Introduction to business intelligence

Introduction to data analysis

Introduction to data visualization

Overview of self-service BI

Considerations for self-service BI

Microsoft tools for self-service BI

Lab : Exploring an Enterprise BI solution

Viewing reports

Creating a Power BI report
Creating a Power BI dashboard

Module 2: Introducing Power BI

Power BI
The Power BI service

Lab : Creating a Power BI dashboard

Connecting to Power BI data
Create a Power BI dashboard

Module 3: Power BI

Using Excel as a data source for Power BI
The Power BI data model
Using databases as a data source for Power BI
The Power BI service

Lab : Importing data into Power BI

Importing Excel files into Power BI
Viewing reports from Excel files

Module 4: Shaping and Combining Data

Power BI desktop queries
Shaping data
Combining data

Lab : Shaping and combining data

Shape power BI data
Combine Power BI data

Module 5: Modelling data

Relationships
DAX queries
Calculations and measures

Lab : Modelling Data

Create relationships
Calculations

Module 6: Interactive Data Visualizations

Creating Power BI reports
Managing a Power BI solution

Lab : Creating a Power BI report

Connecting to Power BI data
Building Power BI reports
Creating a Power BI dashboard
Use Power BI desktop to create interactive data visualizations.
Manage a power BI solution.

Module 7: Direct Connectivity

Cloud data
Connecting to analysis services

Lab : Direct Connectivity

Direct connectivity from Power BI desktop

Direct connectivity from the Power BI service

Module 8: Developer API

The developer API

Custom visuals

Lab : Using the developer API

Using custom visuals

Module 9: Power BI mobile app

The Power BI mobile app

Using the Power BI mobile app

Power BI embedded

INFO

Manuale: Materiale didattico ufficiale Microsoft in formato digitale

Prezzo manuale: 170 € incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)