

## Analyzing Data with Power BI (20778)

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Porto
- **Data:** 09 Mar. 2020 a 11 Mar. 2020
- **Preço:** 1210€
- **Horário:** Laboral - das 09h30 às 17h30
- **Duração:** 21 horas

The main purpose of the course is to give students a good understanding of data analysis with Power BI. The course includes creating visualizations, the Power BI Service, and the Power BI Mobile App.

### Destinatários

- The course will likely be attended by SQL Server report creators who are interested in alternative methods of presenting data.

### Pré-requisitos

- Excellent knowledge of relational databases and reporting.
- Some basic knowledge of data warehouse schema topology (including star and snowflake schemas).
- Some exposure to basic programming constructs (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.

### Objectivos

- Perform Power BI desktop data transformation.
- Describe Power BI desktop modelling.
- Create a Power BI desktop visualization.
- Implement the Power BI service.
- Describe how to connect to Excel data.
- Describe how to collaborate with Power BI data.
- Connect directly to data stores.

- Describe the Power BI developer API.
  - Describe the Power BI mobile app.
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## Programa

### **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

### **Introducing Power BI**

- Power BI
- The Power BI service

### **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

### **Shaping and Combining Data**

- Power BI desktop queries
- Shaping data
- Combining data

### **Modelling data**

- Relationships
- DAX queries
- Calculations and measures

### **Interactive Data Visualizations**

- Creating Power BI reports
- Managing a Power BI solution

### **Direct Connectivity**

- Cloud data
- Connecting to analysis services

## **Developer API**

- The developer API
- Custom visuals

## **Power BI mobile app**

- The Power BI mobile app
- Using the Power BI mobile app
- Power BI embedded