

10988: Managing SQL Business Intelligence Operations

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Porto
- **Data:** 20 Jul. 2020 a 27 Jul. 2020
- **Preço:** 1180€
- **Horário:** Pós-laboral - das 18h30 às 22h00
- **Duração:** 21 horas

This three-day instructor-led course is aimed at database professionals who manage Business Intelligence (BI) operations. This course looks at various options that provide the ability of business users to analyze data and share their findings, starting with managed BI data sources and expanding to personal and external/public data sources.

Destinatários

- The primary audience for this course are business intelligence professionals.
- The secondary audiences for this course are technically proficient business users.

Pré-requisitos

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

- 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 SharePoint Server and Microsoft Office applications – particularly Excel

Objetivos

- Describe key features of a self-service BI solution
- Describe the key capabilities of SQL Server BI in a SharePoint environment
- Describe common Analysis Services operational tasks

- Describe PowerPivot for SharePoint server
 - Describe Power Query
 - Describe Windows Azure HDInsight
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Programa

Module 1: Introduction to Microsoft SQL Server BI Solution

This module introduces key features of a self-service BI solution.

Lessons

- Overview of self-service BI
- Considerations of self-service BI
- Microsoft tools for self-service BI

Lab : Exploring an enterprise BI solution

Module 2: SQL Server BI Features with Microsoft SharePoint

This module describes the key capabilities of SQL Server BI in a SharePoint environment.

Lessons

- Capabilities of Power BI with SharePoint
- SharePoint with analysis services
- SharePoint with reporting services
- Deploying SQL server BI in a SharePoint environment

Lab : Design a SQL Server BI infrastructure

Module 3: Operating Analysis Services

This module describes common analysis services operational tasks.

Lessons

- Configuring an analysis services server
- Tuning an analysis services server
- Analysis services security
- Analysis services high availability and disaster recovery

Lab : Configuring analysis services

Module 4: Supporting Analysis Services

This module introduces PowerPivot for SharePoint server.

Lessons

- Testing analysis services cubes
- Tuning analysis services

- Maintaining analysis services

Lab : Supporting Analysis Services

Module 5: Operate and Support Reporting services

This module introduces users to Power Query. They will use this more in subsequent modules.

Lessons

- Installing a native mode report server
- Installing reporting services with SharePoint
- Reporting services with Microsoft Azure virtual machines
- Reporting services errors

Lab : Installing reporting services

Module 6: Share PowerPivot Workbooks in SharePoint Server

This module introduces PowerPivot for SharePoint.

Lessons

- PowerPivot for SharePoint
- Install and configure PowerPivot for SharePoint

Lab : Install PowerPivot for SharePoint

Module 7: Operate and Support Power BI

This module introduces Windows Azure HDInsight.

Lessons

- Power BI desktop
- PowerBI.Com
- Mobile Power BI

Lab : Using Power BI