

- ET SOAK KURSUS

70-778 Analyzing and Visualizing Data with Microsoft PowerBI

Dato:	3 certificeringsrettede kursusdage
Lokation:	Foldegade 33, 7100 Vejle
Pris pr. deltager:	Kr. 9.995,- ex. moms Prisen er inkl. kursusmaterialer samt forplejning
Instruktør:	Microsoft Certified Trainer Søren Agerbo
PC:	Medbring egen PC – alternativt kontakt SOAK for nærmere info

Course Description

About this course

The focus of this 3-day instructor-led 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. This course helps you prepare for the Exam 70-778.

Audience profile

The primary audience for this course are SQL Server report creators who are interested in alternative methods of presenting data

At course completion

After completing this course, students will be able to:

- 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.

Module 1: Introduction to Self-Service BI Solutions

Introduces business intelligence (BI) and how to self-serve with BI.

- 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

Module 2: Introducing Power BI

This module introduces Power BI desktop, and explores the features that enable the rapid creation and publication of sophisticated data visualizations.

- Power BI
- The Power BI service

Module 3: Power BI

At the end of this module students will be able to explain the rationale and advantages of using 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

Module 4: Shaping and Combining Data

With Power BI desktop you can shape and combine data with powerful, built-in tools. This module introduces the tools that are available for preparing your data and transforming it into a form ready for reporting.

- Power BI desktop queries
- Shaping data
- Combining data

Module 5: Modeling data

This module describes how to shape and enhance data.

- Relationships
- DAX queries
- Calculations and measures

Module 6: Interactive Data Visualizations

This module describes how to create and manage interactive data visualizations

- Creating Power BI reports
- Managing a Power BI solution

Module 7: Direct Connectivity

This module describes various connectivity options using Power BI.

- Cloud data
- Connecting to analysis services

Module 8: The Developer API

This module describes the developer API within Power BI.

- The developer API
- Custom visuals

Module 9: Power BI mobile app

This module describes the Power BI mobile app.

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