Microsoft Power BI
& Data Visualization Mastery

Materials & teaching in English

Strengthen your skills in Power BI and gain the tools to work professionally with data visualization.

You will acquire both theoretical understanding of Business Intelligence as a concept, with a focus on the purpose of using Business Intelligence tools in specific contexts, and practical understanding through Power BI with a focus on the program's capabilities.

You will learn about necessary and fundamental preparatory principles related to general data management, including data preparation and cleansing, data retrieval and loading, data transformation, data modeling, and data presentation.You will learn about calculations, measures, and setting up DAX formulas, model building, establishing relationships between datasets, and creating reports using visualizations such as charts, tables, drill-through tools, and more.

This means that you will be able to transform complex and extensive datasets into manageable and insightful sources of information in Power BI, presented in a visually appealing manner.

In addition to Power BI, you will also be introduced to a range of other Business Intelligence tools. You will learn how to build dashboards in Excel, as well as create data visualizations with Python using Matplotlib, Bokeh, and Plotly.

After the e-learning course, you will have the opportunity to take the certification: PL-300 (Microsoft Power BI Data Analyst). This acts as a stamp on your acquired knowledge. As part of this e-learning course, we offer one certification attempt

You will learn

Power BI Essentials

- Understand Business Intelligence & Power BI's potential
- Clean, transform & manage data efficiently
- Use DAX syntax, operators, and functions
- Build visualizations like charts, tables, and slicers

Power Map & Excel Visuals

- Use Power Map for geographic data visualization
- Combine visuals for impactful storytelling
- Create interactive Excel dashboards
- Link Excel with Power BI for seamless flow

Dashboards & Reporting

- Create dynamic dashboards
- Design reports for management insights
- Share reports via Teams
- Connect multiple data sources in reports

AI for Data Analytics & BI

- Leveraging AI insights & text analytics in Power BI
- Training machine learning models in Power BI
- AI-powered visuals and smart narratives
- Q&A visuals and Copilot integration for enhanced analysis

Excel for Data Modeling

- Work with PivotTables, PowerQuery & PowerPivot
- Build complex data models in Excel
- Apply DAX formulas for analysis
- Visualize data with infographics & dashboards

Python Data Visualization

- Visualize stats using Matplotlib
- Create browser-based visuals with Bokeh
- Use Plotly's 40+ chart types
- Apply Python tools for finance, stats & insights

The course is for you if you...

✓ Have experience using PCs and Windows

✓ Have a basic understanding of servers, databases, and Transact-SQL

✓ Are motivated and have ambitions to work with MS Power BI and data visualization

✓ Possibly have experience with relational databases, the Windows operating system, and knowledge of data

Course structure

The e-learning course is divided into in-depth sessions with associated Labs and Final Exam assessment, so you gain a lot of knowledge and at the same time you can test your readiness. As a supplement to the e-learning course, you also get access to a whole library of e-books.

Certification

You have the option to take certification PL-300 which is included in this e-learning package. Please note that this trial must be held within 2 months of the end of the course - otherwise the offer will lapse. Certifications are taken after completing the course. When you contact us, we will send you a voucher to book the certification.

Careercoach

You also can spar with Itucation's career coach regarding CV, application and job strategy. If you wish to take advantage of this offer, please send an email to **kurser@itucation.dk**

Upcoming courses

• Start every monday!

Information & Pris

Location	E-learning, Selfstudy
Classes	5 days a week
Duration	6 weeks
Price for applicants	**Free for unemployed***

*Free, if you fulfil the criteria for 6-week job-oriented training programs via the Jobcenter

Price for jobcenter:	Kr. 19.600 (ex. moms)
Sign-up	**www.itucation.dk**

Or contact us on 7027 2784

Information til a-kasser og jobcentre

Regional positivliste

E-learningskurset er godkendt.

Se vores hjemmeside for listetitel og

listenumre.

Pris

Kr. 19.600 (ex. moms)
Ugepris: kr. 3.266,66 (ex. moms)

Betalingstilsagn sendes til

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