

KOENIG SOLUTIONS · COURSE OUTLINE

Create Dashboards with Power BI

Learn to access, model, visualise and publish data in Power BI, building dashboards for sharing across teams.

16 Hours

DURATION

5

MODULES

25

TOPICS

10

HANDS-ON ACTIVITIES

COURSE OVERVIEW

This course covers the various methods and best practices that are in line with business and technical requirements for modelling, visualizing, and analysing data with Power BI. The course will show how to access and process data from data. Finally, this course will also discuss how to manage and deploy reports and dashboards for sharing and content distribution.

WHO THIS COURSE IS FOR

The audience for this course are data professionals and business intelligence professionals who want to learn how to accurately perform data analysis using Power BI

This course is also targeted toward those individuals who develop reports that visualize data from the data platform technologies that exist on both in the cloud and on-premises

LEARNING OBJECTIVES

- Retrieve data from sources such as Excel, SQL and SharePoint
- Resolve data quality issues and transform data in Power BI
- Design data models with relationships and hierarchies
- Apply DAX to create measures and columns
- Configure and format visuals including custom and AI visualisations
- Publish reports to the Power BI service
- Share and embed reports through SharePoint and Teams
- Build and share dashboards from reports

5 Modules, 25 Topics

01

Demo

Practice

Accessing & Preparing the Data

TOPICS

- Get Started with Business Intelligence
- Get started building with Power BI
- Building blocks of Power BI
- Get data in Power BI
- Retrieve data from various data sources (Excel/ SQL/ Sharepoint)

02

Demo

Practice

Data Modelling and Exploration

TOPICS

- Resolve inconsistencies and data quality issues
- Clean, transform, and load data in Power BI
- Design a data model in Power
- Create Relationships and Hierarchies
- Introduction to DAX
- Measures and Columns

03

Demo

Practice

Visualizations

TOPICS

- Work with visuals
- Format and configure visuals
- Report layout and interactions - Best Practices
- Cross-highlight and drill down
- Custom and AI Visualisations

04

Demo

Practice

Publishing and Accessing Reports

TOPICS

Publish reports to Power BI service · Interact With Reports · Share Reports · Embed Reports with Ms Sharepoint, Teams etc · Package Reports with Workspace Apps

05

Demo

Practice

Building a Dashboard and Sharing

TOPICS

Power BI workspaces · Build and Dashboards from Reports · Edit Dashboards · Share Dashboards with users

Practise What You Learn

#	MODULE	DEMO	PRACTICE
01	Accessing & Preparing the Data	Get data in Power BI Desktop	Accessing & preparing the data
02	Data Modelling and Exploration	Transform and model data	Data Modelling and Exploration
03	Visualizations	Create reports in Power BI Desktop	Visualisations
04	Publishing and Accessing Reports	Publish and Explore Reports	Publishing and accessing Reports
05	Building a Dashboard and Sharing	Build Dashboard from Reports	Building a Dashboard and Sharing

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Hands-on exercises throughout the course
- Delivery by certified instructors and subject matter experts
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

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