

KOENIG SOLUTIONS · COURSE OUTLINE

Analyzing Data in Excel and Working with Power BI

Learn to analyse and visualise data in Excel and connect it with Power BI, from PivotTables and DAX to dashboards.

2 Days

DURATION

7

MODULES

20

TOPICS

7

HANDS-ON LABS

COURSE OVERVIEW

This course covers data analysis in Excel using classic techniques and PivotTables before introducing the Excel Data Model and DAX. It then addresses importing and transforming data from files and Excel reports, followed by creating and formatting measures with DAX functions. It also covers visualising data in Excel through PivotCharts and cube functions, and concludes with using Excel as a data source alongside Power BI, including its mobile app.

WHO THIS COURSE IS FOR

Data Analysts

Business Analysts

Excel Users

Report Developers

BI Developers

LEARNING OBJECTIVES

- Apply classic data analysis techniques and PivotTables in Excel
- Identify the limitations of classic data analysis methods
- Explain the Excel Data Model and its use with DAX
- Import, shape and transform data from files and reports
- Create and format measures using advanced DAX functions
- Build Pivot Charts and cube function visualisations in Excel
- Configure Excel as a data source in Power BI
- Describe the Power BI Mobile App

7 Modules, 20 Topics

01

Lab

Data Analysis in Excel

TOPICS

Classic Data Analysis with Excel · Excel PivotTables ·
Limitations of Classic Data Analysis

02

Lab

The Excel Data Model

TOPICS

Using an Excel Data Model · DAX

03

Lab

Importing Data from Files

TOPICS

Importing Data into Excel · Shaping and Transforming
Data · Loading Data

04

Lab

Importing Data from Excel Reports

TOPICS

Importing Data from Excel Reports · Transforming
Excel Report Data

05

Lab

Creating and Formatting Measures

TOPICS

Data Analysis Expressions · Measures · Advanced
DAX Functions

06

Lab

Visualizing Data in Excel

TOPICS

Module Overview · Using Pivot Charts · Using Cube
Functions · Creating Charts for Cube Functions

07

Lab

Using Excel with Power BI

TOPICS

Power BI · Using Excel As a Data Source in Power BI · Power BI Mobile App

HANDS-ON LABS

Practise What You Learn

#	MODULE	ACTIVITY
01	Data Analysis in Excel	Building a Classic Excel Dashboard
02	The Excel Data Model	Explore an Excel Data Model
03	Importing Data from Files	Importing Data

#	MODULE	ACTIVITY
04	Importing Data from Excel Reports	Importing Data from a Report
05	Creating and Formatting Measures	Creating Measures by Using Advanced DAX Functions
06	Visualizing Data in Excel	Data Visualizations in Excel
07	Using Excel with Power BI	Creating a Power BI Dashboard with Excel

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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✉ info@koenig-solutions.com