KOENIG SOLUTIONS · COURSE OUTLINE

Advanced Data Modeling and Shaping with Power BI (Microsoft)

1 Day	2	6
DURATION	MODULES	HANDS-ON ACTIVITIES

COURSE OVERVIEW

This one-day course will cover using Power BI Desktop to import and shape data from a variety of sources. It will also walk through Power BI capabilities you can use to enhance the data model for your business users. The course covers key aspects of how to create a great data model to meet your business needs, various features in Power BI used to enhance data models so you can build great reports, and an introduction to DAX to create calculations. After completing this training, the attendees should be able to import data from a variety of data sources into Power BI, shape the data, create the data model, and write DAX functions to the Power BI model.

PREREQUISITES

- DIAD training or equivalent working experience

COURSE SYLLABUS

2 Modules

Getting and Shaping the Data — Activity

Basic Data Modeling — Activity

Getting Started with M (Power Query Language) — Activity

04

Understanding Logic Operators

Introduction to DAX — Activity

Working with Functions - DAX CALCULATE Function and More — Activity

Modeling with Power BI & DAX Best Practice
Data Modeling, Optimization Techniques — Activity

08

Summary, Survey & Questions

HANDS-ON ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
01	**Getting and Shaping the Data**	**Lab 01:** Getting the data
02	**Basic Data Modeling**	**Lab 02:** Creating Dimensions, Fact and Shaping the data
03	**Getting Started with M (Power Query Language)**	**Lab 03:** Creating Relationships
05	**Introduction to DAX**	**Lab 05:** Creating Columns and Measures

#	MODULE	ACTIVITY
06	**Working with Functions - DAX CALCULATE Function and More**	**Lab 6:** Working with Functions
07	**Modeling with Power BI & DAX Best Practice Data Modeling, Optimization Techniques**	**Lab 7:** Performance optimization and using CALCULATE function

WHAT IS INCLUDED

Everything You Need to Succeed

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