

KOENIG SOLUTIONS • COURSE OUTLINE

DP-3012-A: Implementing a Data Analytics Solution with Azure Synapse Analytics

Learn to build data analytics solutions in Azure Synapse Analytics, from querying data lakes to building data pipelines.

COURSE OVERVIEW

This course covers Azure Synapse Analytics, starting with an introduction to its components and capabilities. It then covers using the serverless SQL pool to query files in a data lake, analysing data with Apache Spark, and working with Delta Lake. It also covers analysing data in a relational data warehouse and building data pipelines within Azure Synapse Analytics.

WHO THIS COURSE IS FOR

Data Engineers

Data Analysts

Data Scientists

Database Administrators

BI Developers

LEARNING OBJECTIVES

- Describe the components and capabilities of Azure Synapse Analytics
- Apply serverless SQL pool to query files in a data lake
- Analyse data using Apache Spark in Azure Synapse Analytics
- Implement Delta Lake within Azure Synapse Analytics
- Analyse data in a relational data warehouse
- Build a data pipeline in Azure Synapse Analytics

6 Topics

TOPICS

- Introduction to Azure Synapse Analytics
- Use Azure Synapse serverless SQL pool to query files in a data lake
- Analyze data with Apache Spark in Azure Synapse Analytics
- Use Delta Lake in Azure Synapse Analytics
- Analyze data in a relational data warehouse
- Build a data pipeline in Azure Synapse Analytics

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

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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