



Course 552242 • Microsoft Azure

# Operationalize Cloud Analytics Solutions with Microsoft Azure

## Length

- 2 days

## Prerequisites

- Experience processing and querying bulk data
- Experience analyzing real-time and historical data
- Experience using SQL and data analysis / visualization tools (e.g. Power BI)
- Experience using PowerShell (Note: A basic PowerShell tutorial is included in 552241)

## Audience

- Experienced data professionals who design and build big data analytics solutions on Microsoft Azure

## What You'll Learn

- Create a Data Factory
- Orchestrate data processing activities in a data-driven workflow
- Monitor and Manage a Data Factory
- Move, Transform or Analyze data
- Design a deployment strategy for end-to-end solutions with Azure Portal or PowerShell

This 2-day, instructor-led course is intended for data professionals who want to expand their knowledge about creating big data analytic solutions on Microsoft Azure. Students will learn how to operationalize end-to-end cloud analytics solutions using the Azure Portal and Azure PowerShell. It can be used on its own or with 552241, Microsoft Azure Big Data Analytics, to prepare for exam 70-475.

## Workshop Outline

### Module 1: Operationalize End-to-end Cloud Analytics Solutions

- Create a data factory
- Create a data-driven workflow
- Monitor and Manage a Data Factory
- Move, Transform or Analyze data
- Design a deployment strategy for end-to-end solutions with Azure Portal or PowerShell

### Module 2: PowerShell for Technology Professionals (Optional)

- Introduction
- Compared to Other Scripting Languages
- Configuring and Using PowerShell
- Creating and Running Scripts
- Administering Local Resources
- Administering Network Resources
- Resolve PowerShell Scripting Problems