552242-A: Operationalize Cloud Analytics Solutions with Microsoft Azure

552242A is a two-day instructor-led course 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 552241A, Microsoft Azure Big Data Analytics, to prepare for exam 70-475.

Objectives

- 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

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 552241A.)

Intended Audience

This course is intended for experienced data professionals who design and build big data analytics solutions on Microsoft Azure.

Topics

- Operationalize end-to-end cloud analytics solutions

- Appendix B: PowerShell for Technology Professionals (Optional)