Course 552242A:

# Operationalize Cloud Analytics Solutions with Microsoft Azure

**Course Outline**

**Module 1: Operationalize end-to-end cloud analytics solutions**

This module explains how to Azure Data Factory to centrally manage data from different sources.

**Lessons**

- Create a data factory

- Create a data-driven workflow

- Monitor and manage the data factory

- Move, Transform and Analyze Data

- Design a deployment strategy for an end-to-end solution

- Review

**Lab : Operationalize end-to-end cloud analytics solutions**

- Create a data factory

- Create a data-driven workflow

- Monitor and manage the data factory

- Move, Transform and Analyze Data

- Design a deployment strategy for an end-to-end solution

After completing this module, students will be able to:

- Create, Manage & Monitor a data factory

- Create a data driven workflow

- Move, Transform and Analyze Data

- Create a deployment strategy using the Azure Portal or PowerShell

**Module 2: Appendix B: PowerShell for Technology Professionals (Optional)**

This module explains how to use PowerShell to administer computer, network, application and Azure resources.

**Lessons**

- Introduction

- Compared to Other Scripting Languages

- Configuring and Using PowerShell

- Creating and Running Scripts

- Administering Local Resources

- Administering Network Resources

- Resolve PowerShell Scripting Problems.

**Lab : Lab B: Operationalize end-to-end cloud analytics solutions**

- Use PowerShell to get Computer Information

- Use PowerShell documentation to understand and use cmdlets

- Create and execute scripts

- Configure and test Remote Management

- Create and Azure VM with Azure PowerShell

After completing this module, students will be able to use PowerShell to:

- Use PowerShell to get Computer Information

- Use PowerShell documentation to understand and use cmdlets

- Create and execute scripts

- Configure and test Remote Management

- Create and Azure VM with Azure PowerShell

**Additional Reading**

To help you prepare for this class, review the following resources:

- 55224-1A - Microsoft Azure Big Data Analytics Solutions