

# Operationalize Cloud Analytics Solutions with Microsoft Azure (55224-2)

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Lisboa
- **Data:** 21 Out. 2019 a 22 Out. 2019
- **Preço:** 940€
- **Horário:** Laboral - das 09h30 às 17h30
- **Duração:** 14 horas

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.

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## Destinatários

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

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## Pré-requisitos

Before attending this course, students must have:

- 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.)

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## Objectivos

After completing this course, students will be able to:

- 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
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## Programa

### **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

### **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
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- Create and Azure VM with Azure PowerShell

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**The 70-475 certification exam was retired on June 30, 2019**