

Dynamics 365 for Finance and Operations: Machine Learning 1 Day with Lab

WorkshopPLUS

Duration: 1 Day | **Focus Area:** Business/IT Alignment **Level:** 300

The Dynamics 365 for Finance and Operations Machine Learning WorkshopPLUS is a one-day course designed for Dynamics 365 for Finance and Operations business users and architects who are responsible for designing and developing machine learning experiments using data from Dynamics 365 for Finance and Operations.

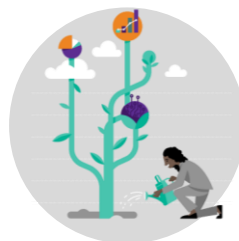
In this course, you will learn about creating machine learning experiments and machine learning web services. You will also learn how to export data from Dynamics 365 for Finance and Operations to use in machine learning experiments.

OUTCOMES



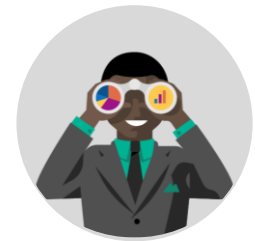
Skills

Gain an understanding of how to conduct machine learning experiments using data exported from Dynamics 365 for Finance and Operations.



Best Practices

Learn the best practices for using data from Dynamics 365 for Finance and Operations in machine learning experiments.



Way Forward

Use what you've learned to design and implement your own machine learning experiments to better understand your business data.

PREREQUISITES

Participants that have solution design and development experience will get the most value out the training.



Recommended Qualifications

- Previous experience with Dynamics 365 for Finance and Operations
- A basic understanding of machine learning.



Hardware Requirements

- An Intel Core-i5-based PC
- 4 GB RAM
- 128 GB HDD
- Windows 7 SP1 or later
- Internet access with at least 1 Mbps bandwidth per student

AGENDA

Duration: 1 day

START

Morning Session

Afternoon Session

End

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- **Module 1:** Introduction to Azure Machine Learning
 - **Module 2:** Dynamics 365 for Finance and Operations Data For Azure Machine Learning
 - **Module 3:** Machine Learning Algorithms

SYLLABUS

Module 1: Introduction to Azure Machine Learning

- Introduction to Machine Learning
- How to load and scrub data
- Machine learning with R and Python

Module 2: Dynamics 365 for Finance and Operations Data For Azure Machine Learning

- Data Management Framework
- Bring your own database
- Other data exports

Module 3: Machine Learning Algorithms

- Regression Algorithms
- Classification Algorithms
- Clustering Algorithms
- Anomaly Algorithm
- Demand Forecasting

NEXT STEPS: If you are interested in this workshop, or any of the following related workshops for your organization, please contact your Microsoft Account Representative:

- WorkshopPLUS - Dynamics 365 for Finance and Operations: Development
- WorkshopPLUS - Dynamics 365 for Finance and Operations: Integrations
- Dynamics 365 for Finance and Operations: Business Intelligence Hands on Lab