

# AWS DISCOVERY DAY: MACHINE LEARNING BASICS

Course Code: 821555

Learn about important concepts, terminology, and the phases of a machine learning pipeline.

Are you interested in machine learning, but not sure where to start? Join us for this session with an AWS expert and demystify the basics. Using real-world examples, you'll learn about important concepts, terminology, and the phases of a machine learning pipeline. Learn how you can unlock new insights and value for your business using machine learning.

- Level: Fundamental
- Duration: 1.5 hours

## What You'll Learn

During this event, you will learn:

- What is Machine Learning?
- What is the machine learning pipeline, and what are its phases?
- What is the difference between supervised and unsupervised learning?
- What is reinforcement learning?
- What is deep learning?

## Who Needs to Attend

This event is intended for:

- Developers
- Solution architects
- Data engineers
- Individuals interested in building solutions with machine learning - no machine learning experience required!

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VIRTUAL CLASSROOM LIVE

\$0 USD

1 Session

## Virtual Classroom Live Outline

### Section 1: Machine learning basics

- Classical programming vs. machine learning approach
- What is a model?
- Algorithm features, weights, and outputs
- Machine learning algorithm categories
- Supervised algorithms
- Unsupervised algorithms
- Reinforcement learning

### Section 2: What is deep learning?

- How does deep learning work?
- How deep learning is different

### Section 3: The Machine Learning Pipeline

- Overview
- Business problem
- Data collection and integration
- Data processing and visualization
- Feature engineering
- Model training and tuning
- Model evaluation
- Model deployment

### Section 4: What are my next steps?

- Resources to continue learning

Sep 26 - 26, 2025 | 11:30 AM - 1:00 PM EDT

Dec 11 - 11, 2025 | 11:30 AM - 1:00 PM EST



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PRIVATE GROUP TRAINING

1 Day

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

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