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AWS DISCOVERY DAY: MACHINE LEARNING BASICS

Duration: 1 Day   Course Code: GKAWS-MLB

Overview:

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

Target Audience:

This event is intended for:
- Developers
- Solution architects
- Data engineers
- Individuals interested in building solutions with machine learning - no machine learning experience required!

Objectives:

- 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?

Follow-on-Courses:

Courses

- Deep Learning on AWS
- MLOps Engineering on AWS
- Practical Data Science with Amazon SageMaker
- The Machine Learning Pipeline on AWS

Resources

- AWS Ramp-Up Guide: Machine Learning

Content:

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

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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