

Lesson 1: Introduction

In lesson 1, we will talk about:

- Course prerequisites
- Business stakeholder in ML projects
- History of machine learning engineering
- When and where to use machine learning engineering

Lesson 2: SageMaker Essentials

In lesson 2, we will teach you how to:

- Launch a Training Job
- Create an Endpoint Configuration
- Deploy an Endpoint
- Launch a Batch Transform Job
- Launch a Processing Job

Lesson 3: Design Your First Workflow

In lesson 3, you will learn about:

- Outline a workflow and its prerequisites
- Define a Lambda function
- Trigger a Lambda function in a variety of ways
- Create a Step Functions state machine
- Define use-case of a SageMaker Pipeline

Lesson 4: Monitoring a ML Workflow

In lesson 4, we will discuss:

- Use SageMaker Feature Store to serve and monitor model data
- Configure SageMaker Model Monitor to generate and track metrics about our models
- Use Clarify to explain model predictions and surface biases in models