

Description

In this full-day, intermediate-level bootcamp, you will learn the essentials of building an Alexa skill, the AWS Lambda function that supports it, and how to enrich it with Amazon SageMaker. This course, which is intended for students with a basic understanding of Alexa, machine learning, and Python, teaches you to develop new tools to improve interactions with your customers.

Intended Audience

This course is intended for those who:

- Are interested in developing Alexa skills
- Want to enhance their Alexa skills using machine learning
- Work in a customer-focused industry and want to improve their customer interactions

Course Objectives

In this course, you will learn:

- The basics of the Alexa developer console
- How utterances and intents work, and how skills interact with AWS Lambda
- How to use Amazon SageMaker for the machine learning workflow and for enhancing Alexa skills

Prerequisites

We recommend that attendees of this course have the following prerequisites:

- Basic familiarity with Alexa and Alexa skills
- Basic familiarity with machine learning
- Basic familiarity with Python
- An account on the Amazon Developer Portal

Delivery Method

This course is delivered through a mix of:

- Classroom training
- Hands-on Labs

Hands-on Activity

- This course allows you to test new skills and apply knowledge to your working environment through a variety of practical exercises
- This course requires a laptop to complete lab exercises; tablets are not appropriate

Duration

One Day

Course Outline

This course covers the following concepts:

- Getting started with Alexa
- Lab: Building an Alexa skill: Hello Alexa