KOENIG
step forward

Course Duration: 4 hours (0.5 Day)

Amazon Textract

Amazon Textract is a machine learning (ML) service that automatically extracts text, handwriting, and data from scanned documents and goes beyond optical character recognition (OCR) to identify, understand, and extract data from forms and tables. In this course, you will learn about the benefits, features, typical use cases, technical concepts, and costs of Amazon Textract. With hands-on lab, you'll practice what you have learned in this course.

Course objectives

By the end of this course, participants will be able to:
- Understand how Amazon Textract works.
- Familiarize yourself with basic concepts of Amazon Textract.
- Recognize the benefits of Amazon Textract.
- List typical use cases for Amazon Textract.
- Describe the typical architectures associated with an Amazon Textract solution.
- Specify what it would take to implement Amazon Textract in a real-world scenario.
- Understand the cost structure of Amazon Textract.
- Implement a demonstration of Amazon Textract in the AWS Management Console.

Prerequisites
- AWS Technical Essentials

Target Audience
- Data Scientists & ML Engineers
- Developers & Cloud Engineers
- Business Analysts & Product Managers
- Healthcare, Finance, and E-commerce Professionals

Course outline

Module 1: Introduction to Amazon Comprehend
- Overview of Amazon Textract and its capabilities.
- Benefits of AI-powered document processing.

- Setting up AWS environment for Textract.

Module 2: Benefits of Amazon Textract

Module 3: Text and Handwriting Extraction

- Understanding OCR and how Textract recognizes text.

- Processing typed vs. handwritten text.

- Extracting content from PDFs and scanned images.

Hands-on: Extracts text and data from scanned documents.

Module 4: Amazon Textract costing