Google Cloud

All Readings: Machine Learning Operations (MLOps): Getting Started

Here are the assembled readings provided in this course.

Module 1: Employing Machine Learning Operations

- Lesson 1: Introduction to MLOps-Why and when to employ MLOps
  - [Machine Learning: The High Interest Credit Card of Technical Debt](#)
- Lesson 2: Machine learning (ML) practitioners' pain points
  - [Data preprocessing for ML documentation](#)

- Lesson 3: The concept of devOps in ML
  - [Data preprocessing for ML documentation](#)
  - [Documentation - Characteristics of MLOPs](#)
  - [Documentation - Characteristics of MLOps level 2](#)

Module 2: Vertex AI and MLOps on Vertex AI

- Lesson 1: What is Vertex AI and why does a unified platform matter?
  - [Vertex AI documentation](#)
  - [cloud.google.com/training](#)
- Lesson 2: Introduction to MLOps on Vertex AI
  - [ML Engineering](#)
  - [ML metadata artifact types](#)
  - [Google Research areas](#)
  - [Deepmind Research](#)
  - [Publication database](#)
  - [Towards ML Engineering: A Brief History Of TensorFlow Extended (TFX)](#)
  - [](#)
- Lesson 3: How does Vertex AI help with ML workflow, part 1 ?
  - [Vertex AI](#)
  - [Vertex AI as a pipeline component](#)
  - [Choosing between the Kubeflow Pipelines SDK and TFX](#)
- Lesson 4: How does Vertex AI help with ML workflow, part 2 ?
  - [Introduction to Vertex AI Model Monitoring](#)
  - [Vertex ML Metadata](#)
  - [Introduction to Vertex AI Model Monitoring](#)
  - [Open source TensorBoard](#)
  - [Vertex AI TensorBoard](#)

Additional Resources:
  - [Machine Learning on Google Cloud](#)

- Production Machine Learning Systems course
- Managing Machine Learning Projects with Google Cloud course
- cloud.google.com/training/machinelearning-ai
- cloud.google.com/certifications