Microsoft Cloud Workshop : MLOps

In this workshop, you will learn how Trey Research can leverage Deep Learning technologies to scan through their vehicle specification documents to find compliance issues with new regulations, and manage the classification through their web application.
The entire process from model creation, application packaging, model deployment and application deployment needs to occur as one unified repeatable, pipeline. At the end of this workshop, you will be better able to design and implement end-to-end solutions that fully operationalize deep learning models, inclusive of all application components that depend on the model.

Détails

- Code : Cloud-MLO
- Durée : 1 jour (7 heures)

Public
- Administrateurs
- Administrateurs de bases de données
- Administrateurs de Cloud
- Administrateurs de data warehouse
- Administrateurs Linux
- Administrateurs systèmes
- Administrateurs systèmes et réseaux
- Administrators

Pré-requis

Objectifs
- Design and implement end-to-end solutions that fully operationalize deep learning models.

Programme

Module 1: Whiteboard Design Session – MLOps
- Lessons
  - Review the customer case study
  - Design a proof of concept solution
  - Present the solution

Module 2: Hands-on lab – MLOps
- Lessons
  - Creating and evaluating compliance classification

  models
  - Registering the model
  - Setup New Project in Azure DevOps
  - Setup and Run the Build Pipeline
  - Setup the Release Pipeline
  - Test Build and Release Pipelines
  - Testing the deployed solution
  - Examining deployed model performance

Modalités

- Type d'action :Acquisition des connaissances
- Moyens de la formation :Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
- Modalités pédagogiques :Exposés – Cas pratiques – Synthèse
- Validation :Exercices de validation – Attestation de stages