ReadMe

AI & MLOps Module 04 - Practical MLOps

Assignment 4

11th February, 2024 (Deadline - 18-February-2024, 9 PM)

MLflow DVC DagsHub

Materials shared in this assignment are:

- ExperimentTracking_using_MLflow
  - MLflow_Tutorial
  - requirements.txt
  - train.py
- DataVersioning_and_ExperimentTracking_with_DagsHub
  - DagsHub_Tutorial
  - catvsdog_project
  - Supplementary_NB_ImageClassification.ipynb
- M4_AST_04_MLflow_DVC_DagsHub.ipynb

Start from *MLflow_Tutorial* to learn how to perform experiment tracking using MLflow. The *requirements.txt*, and *train.py* files will be used during the *MLflow_Tutorial*.

Then you can start with *DagsHub_Tutorial* to learn how to perform data versioning, and experiment tracking with DagsHub.
The *catvsdog_project* folder will be used during the *DagsHub_Tutorial*. It contains modularized code for the Cats-and-Dogs image classification.
To understand the process of image classification, you can refer to the Supplementary notebook shared on Image classification.

To submit your assignment for grading, use the *M4_AST_04_MLflow_DVC_DagsHub* notebook. Run setup cells, then select your response for the technical and feedback questions, and run the submission cells.