**ML Flow Set Up**

1. Create Virtual environment at C:\

* Open CMD
* Change directory to C:\
* Create Python virtual environment from the following command:
  + python -m venv <Environment\_Name>
  + E.g. python -m venv FinalProjectEnv

1. Activate the environment

* <Environment\_Name>\Scripts\activate
* E.g. FinalProjectEnv\Scripts\activate

1. Install ML Flow library in the Python virtual environment from the following command:

* pip install mlflow

1. Install Jupyter and ipykernel

* pip install ipykernel

1. Add your env to Jupyter (on VScode):

* Open project folder
* Command Palette (Ctrl+Shift+P)
* Select Python: Select Interpreter
* Select Enter Interpret path…
* Select Find…
* Choose: ./<Environment\_Name>/Scripts/python.exe

1. Select kernel (On VScode)

* Open Jupyter Notebook
* Click on Select Kernel
* Choose <Environment\_Name>

\*If the file is .py, choose the kernel by Ctrl+Shift+P and select the <Environment\_Name>

**Start ML Flow**

1. Open CMD
2. Change directory to the folder where mlruns folder is located from the following command:

* cd path/to/the/folder
* E.g. C:\Users\Asus\FinalProjectOperAI

1. Activate the environment on the project folder

* C:\<Environment\_Name>\Scripts\activate
* E.g. C:\FinalProjectEnv\Scripts\activate

1. Start ML Flow with the following command:

* mlflow ui --backend-store-uri file:///c:/Users/Asus/FinalProjectOperAI/mlruns

1. Open the following URL to access ML Flow web browser:

* <http://127.0.0.1:5000>

1. In your python file, include the following command:

* mlflow.set\_tracking\_uri(f"sqlite:///{os.path.abspath('../mlflow.db')}")