**Instructions to run the code for the Flight Delay Prediction Project**

1. Regression Model:

* Open the "Module3-Regression" Jupyter notebook.
* Run the notebook to execute the regression model.
* The trained Random Forest regression model will be saved as "rfc.pkl."

2. Classification Model:

* Open the "Module2-Classification" Jupyter notebook.
* Run the notebook to execute the classification model.
* The trained XGBoost classification model will be saved as "xgb\_reg.pkl."

3. Final Pipeline:

* Open the "Model-Pipeline" Jupyter notebook.
* Ensure you have the "rfc.pkl" and "xgb\_reg.pkl" files in the same directory.
* Run the notebook to execute the final pipeline, which includes both regression and classification models.

**Note:**

* Make sure to have all necessary libraries and dependencies installed as specified in the notebooks(pandas,numpy,matplotlib seaborn,scikit-learn,xgboost,joblib)
* Adjust any file paths or configurations as needed based on your local setup.

Following these steps will allow you to run the code and utilize the trained models for regression and classification tasks. If you encounter any issues or have questions, feel free to reach out for assistance.