Instructions – Cab Fare Prediction Project

1. The Jupyter Notebook App can be launched by clicking on the *Jupyter Notebook* or *Jupyter Lab* icon installed by Anaconda in the start menu (Windows) OR by typing the following in a terminal (command prompt/powershell on Windows):

   - *jupyter notebook*
     -----OR-----
   - *jupyter lab*

2. This will launch a new browser window (or a new tab) showing the Notebook Dashboard, a sort of control panel that allows (among other things) to select which notebook to open.

3. Navigate to the folder containing Jupyter Notebook "Cab Fare Prediction Using Python" which uses a *Python 3* kernel. There are no dependencies for the input files (i.e. train.csv and test.csv) on the local folder structure, since these are already made available from the edwisor public URLs mentioned below.

   train.csv - https://s3-ap-southeast-1.amazonaws.com/edwisor-india-bucket/projects/data/DataN0104/train_cab.zip

   test.csv - https://s3-ap-southeast-1.amazonaws.com/edwisor-india-bucket/projects/data/DataN0104/test.zip

4. Ensure that the python packages mentioned below have already been installed in the Python environment before the project notebooks can be re-run.

   - NumPy
   - SciPy
   - Pandas
   - Matplotlib
   - Seaborn
   - Scikit-learn
   - StatsModels
   - FancyImpute
   - Geopy
   - Patsy
   - Xgboost

5. To re-run the notebook, choose "Run All" from the "Cell" option in the *Jupyter Notebook*.