PREREQUISITES

Date	17 November 2022
Team ID	PNT2022TMID46686
Project Name	Developing a Flight Delay Prediction Using Machine Learning

In order to develop this project we need the following software/packages:

Step 1:

Anaconda Navigator :

- Anaconda Navigator is a free and open-source distribution of the Python and R programming languages for data science and machine learning related applications.
- Anaconda comes with great tools like JupyterLab, Jupyter Notebook, QtConsole, Spyder, Glueviz, Orange, Rstudio, Visual Studio Code.

For this project, we use Jupyter notebook and Spyder

✓ Spyder:Used for import Flask Framework.

Step 2:

To build Machine learning models you must require the following packages

Sklearn: Scikit-learn is a library in Python that provides many unsupervised and supervised learning algorithms.

NumPy: NumPy is a Python package that stands for 'Numerical Python'. It is the core library for scientific computing, which contains a powerful n-dimensional array object.

Pandas: pandas is a fast, powerful, flexible, and easy to use open-source data analysis and manipulation tool, built on top of the Python programming language.

Matplotlib: It provides an object-oriented API for embedding plots into applications using general-purpose GUI toolkits.

Flask: Web framework used for building Web applications.