

## PREREQUISITIES

Date	09 November 2022
Team ID	PNT2022TMID44333
Project Name	Developing a Flight Delay Prediction Model Using Machine Learning

### Step-1: Install the Software- 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. It can be installed on Windows, Linux, and macOS. Conda is an open-source, cross-platform, package management system. Anaconda comes with great tools like JupyterLab, Jupyter Notebook, QtConsole, Spyder, Glueviz, Orange, Rstudio, Visual Studio Code.

### Step-2: Install the following Packages

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

**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.

### Step-3: Install the libraries

1. Open anaconda prompt.
2. Type "**pip install numpy**" and click enter.
3. Type "**pip install pandas**" and click enter.
4. Type "**pip install matplotlib**" and click enter.
5. Type "**pip install scikit-learn**" and click enter.
6. Type "**pip install Flask**" and click enter.