TEAM ID	PNT2022TMID12043
PROJECT NAME	Car Resale value Prediction

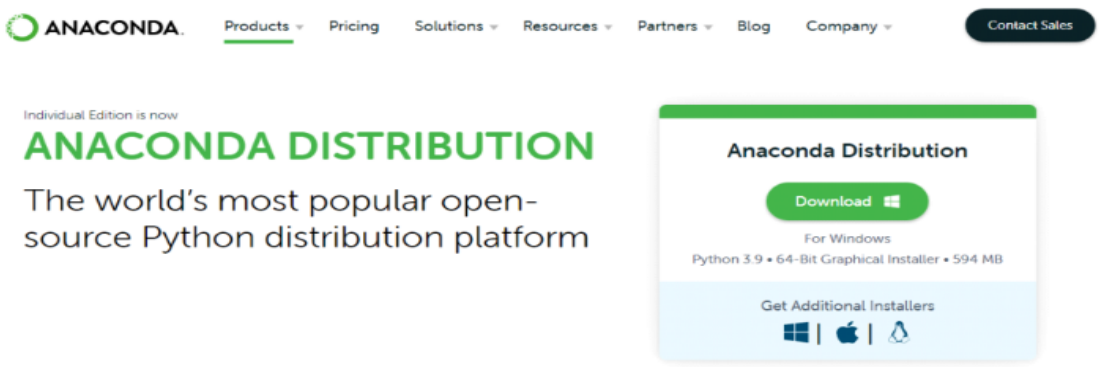
PRE-REQUISTIES:

Installing Anaconda:

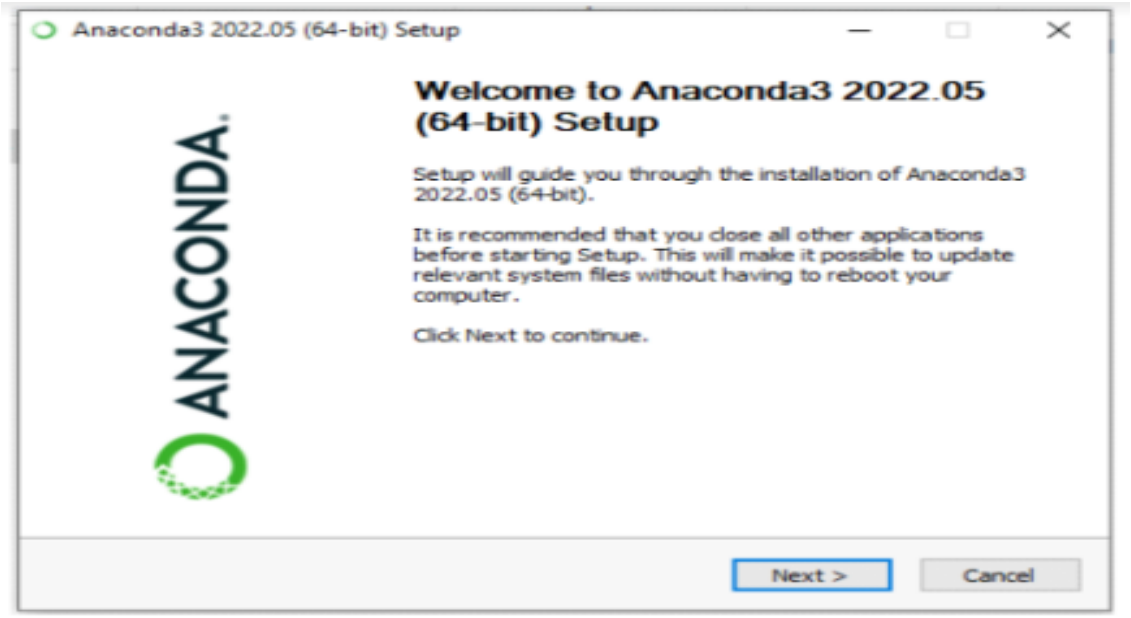
Anaconda is a distribution of the Python and R programming languages for scientific computing, that aims to simplify package management and deployment. The distribution includes data-science packages suitable for Windows, Linux, and macOS. It is developed and maintained by Anaconda. which was founded by Peter Wang and Travis Oliphant in 2012 As an Anaconda, it is also known as Anaconda Distribution or Anaconda Individual Edition, while other products from the company are Anaconda Team Edition and Anaconda Enterprise Edition, both of which are not free.

WAY TO INSTALL ANACONDA:

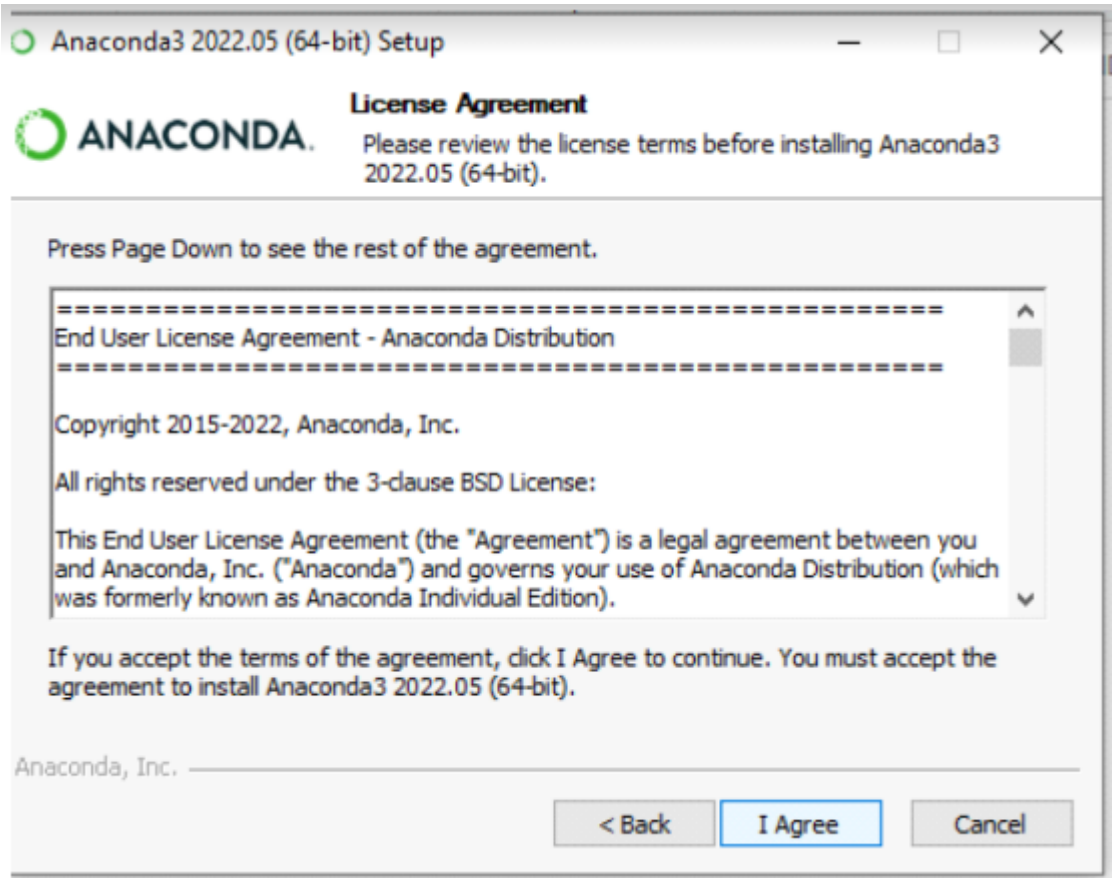
Step 1: Download Anaconda



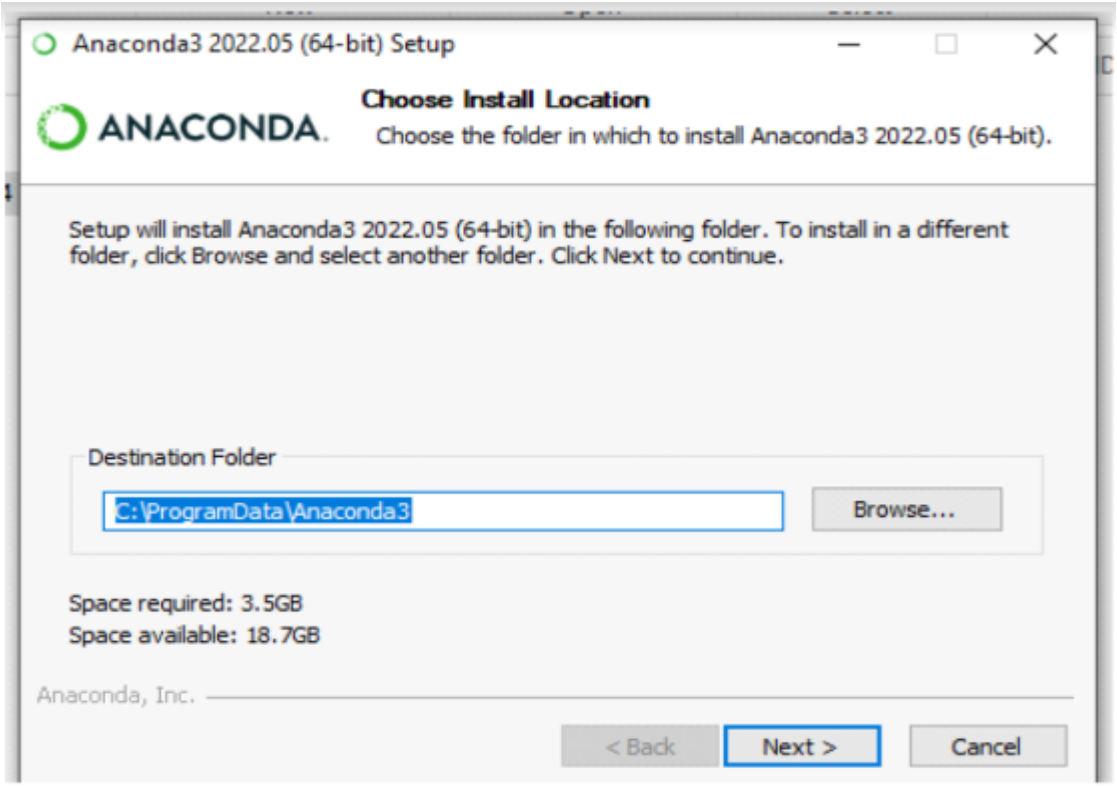
Step 2: Install Anaconda



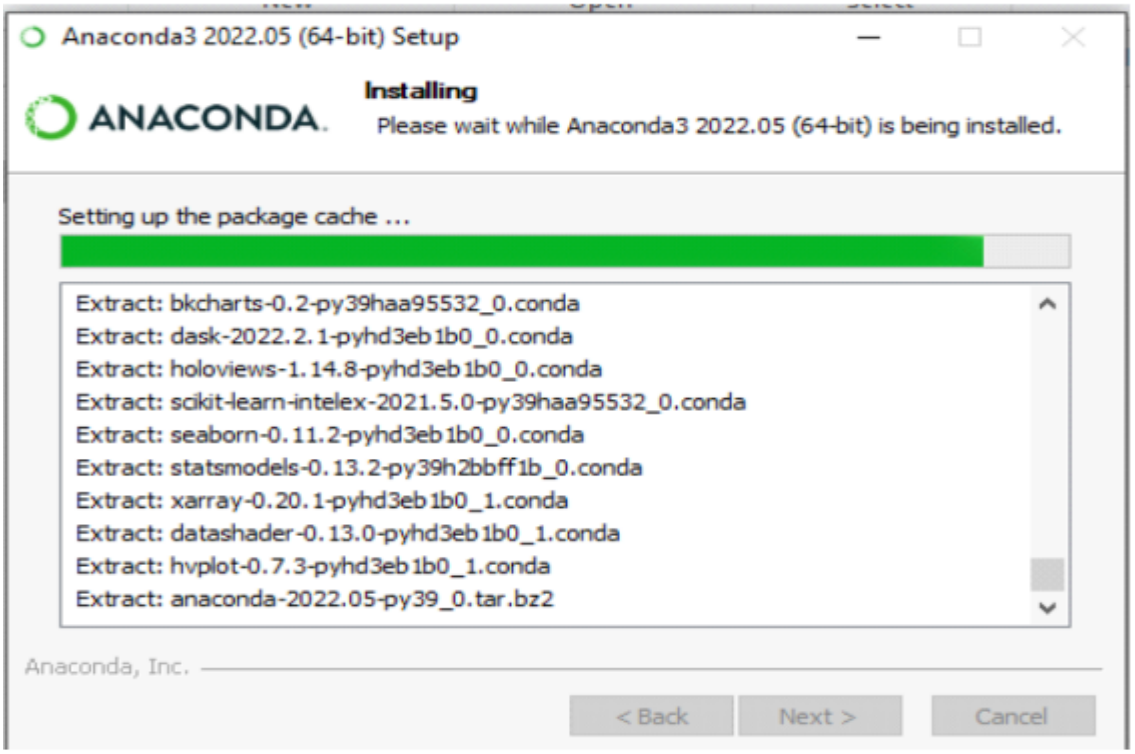
Step 3: Click I Agree



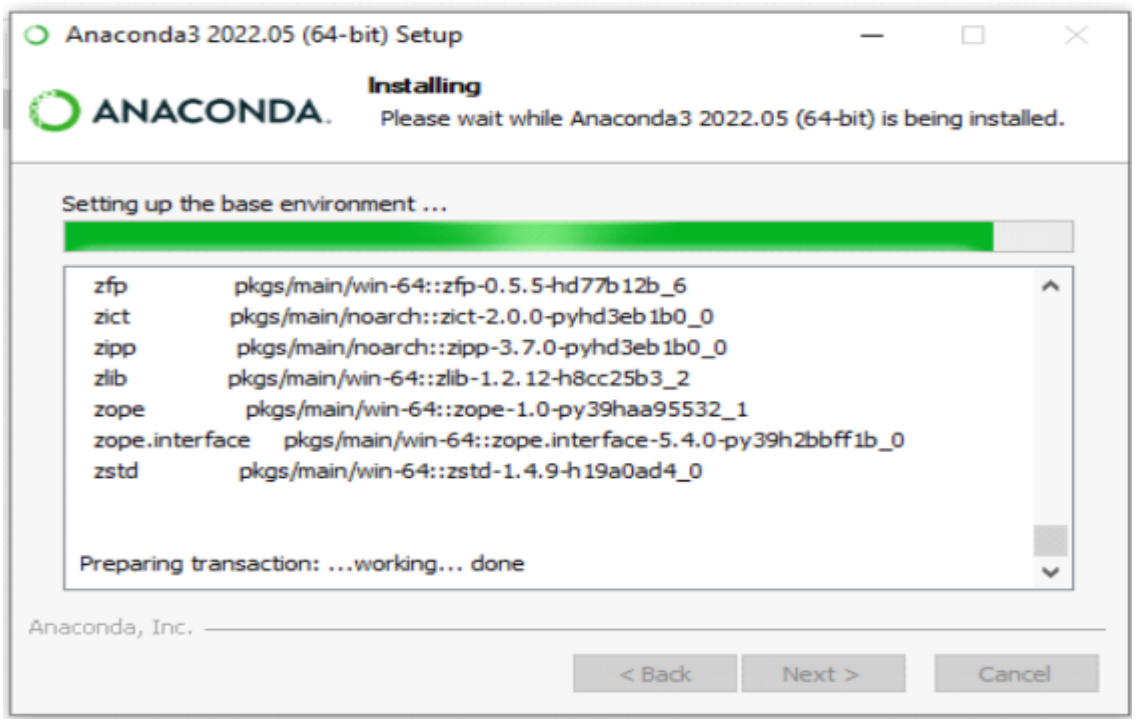
Step 4: Choose the Installation Location



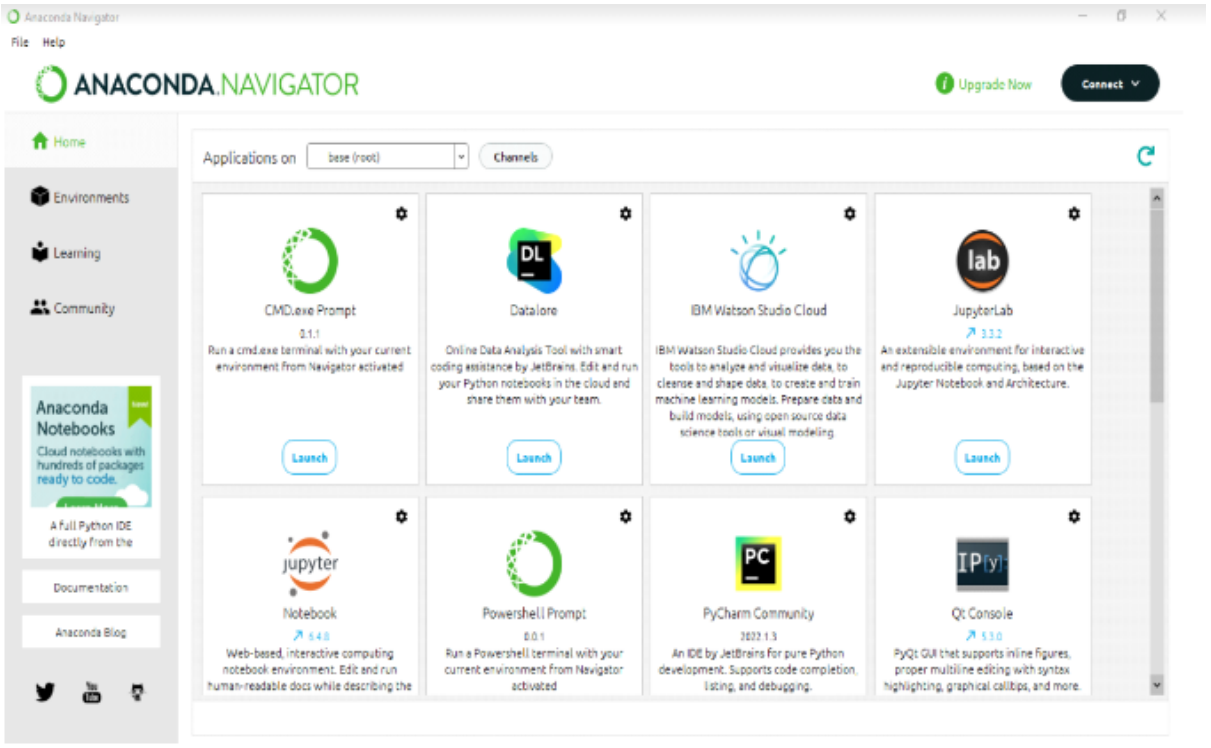
Step 5:Installing the Requiring packages:



Step 6: Setting up the base environment:

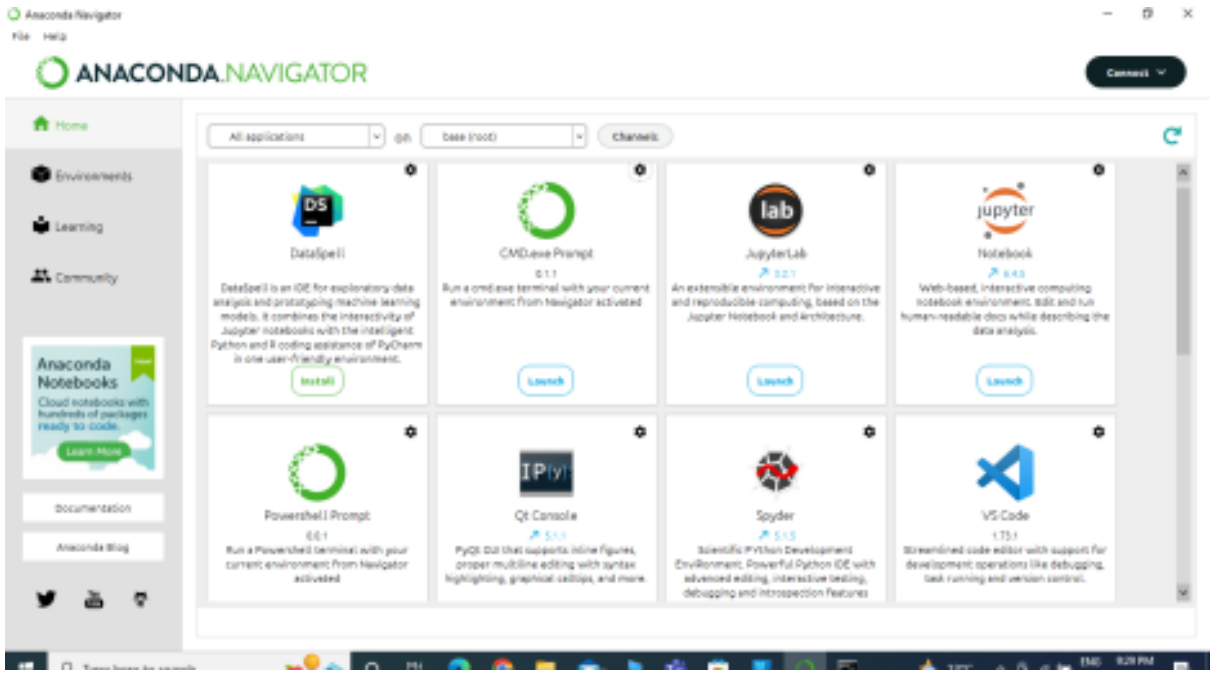


Step 7: Successfully Installed check the Anaconda Navigator working or not.

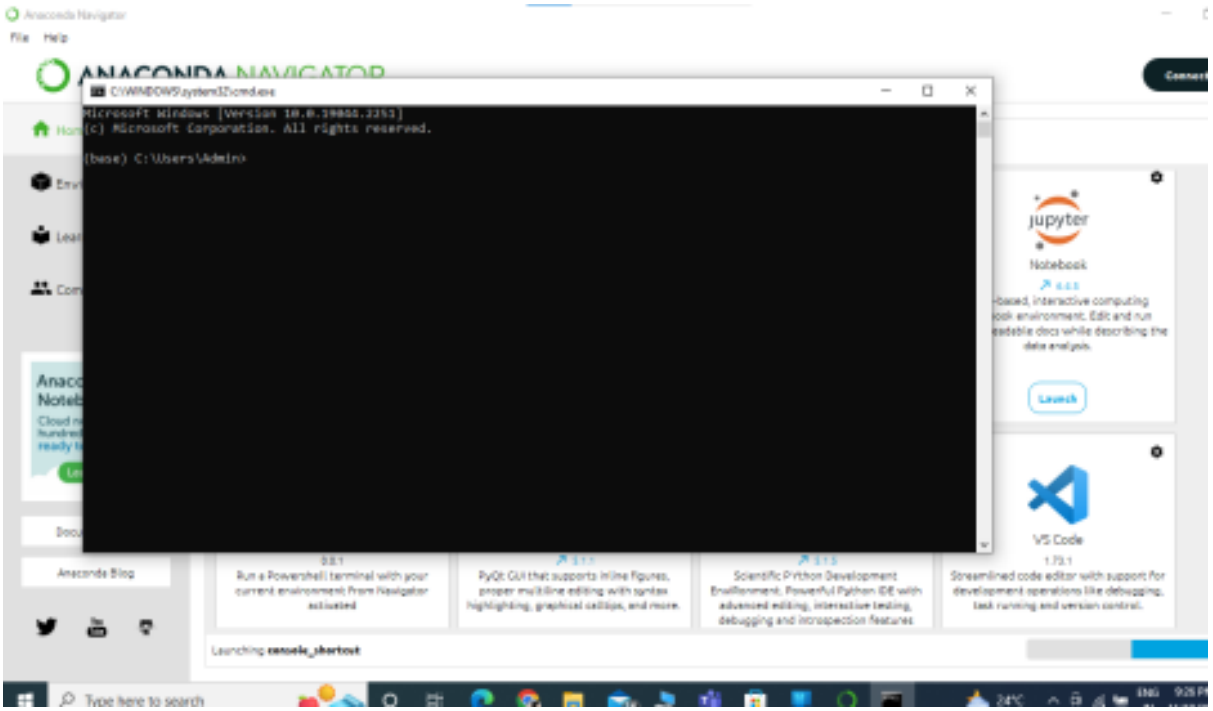


Installing python package :

Step 1:open the anaconda navigator. In the star menu

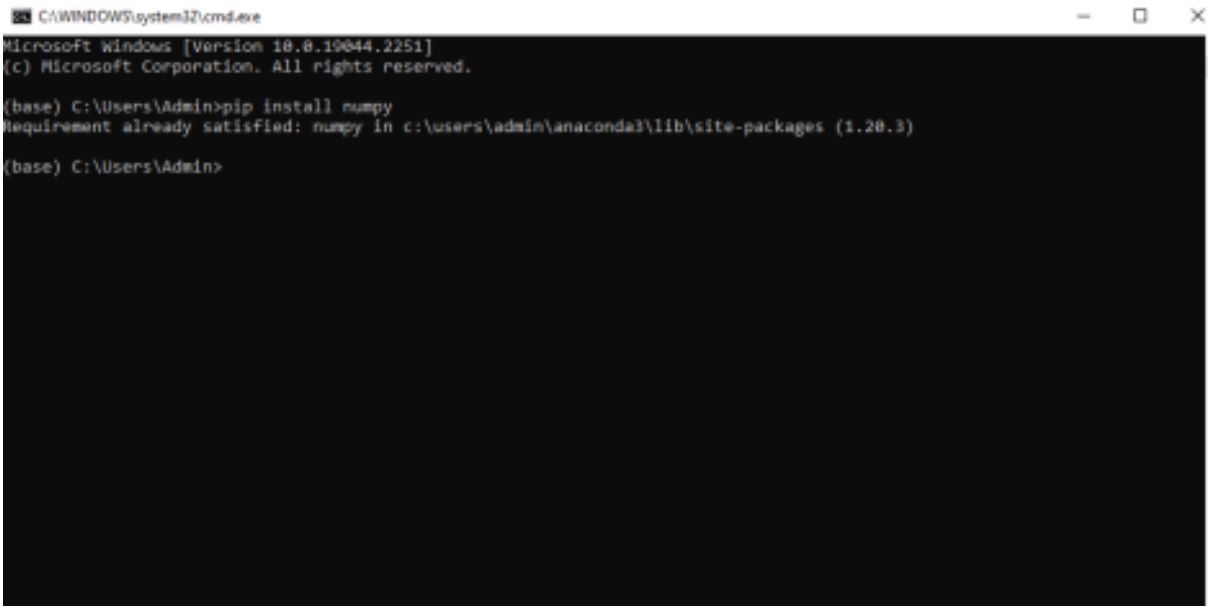


Step 2: open the CMD.exe prompt



Step 3: install the NUMPY package .To enter the numpy package enter the command in the CMD.exe

Command :Pip install numpy

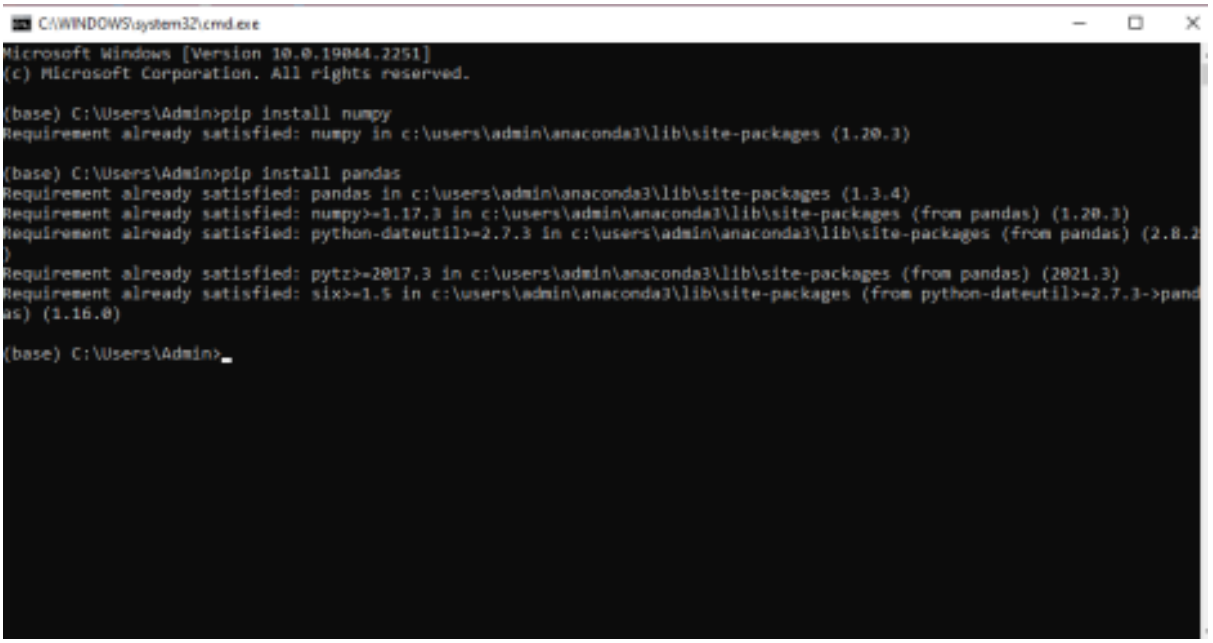


NUMPY :

Numpy: This package is used to perform numerical computations. This package is pre-installed in anaconda . NumPy is used for working with arrays. NumPy is short for "Numerical Python

Step 4: install the pandas package . To enter the pandas package enter the command in the CMD.exe

Command: Pip install pandas



Pandas :

Pandas is one of the most widely used python libraries in data science. It provides high-performance, easy to use structures, and data analysis tools. This package is pre-installed in anaconda. is an open-source library that is built on top of NumPy library. It is a Python package that offers various data structures and operations for manipulating numerical data and time series. It is mainly popular for importing and analyzing data much easier. Pandas is fast and it has high-performance & productivity for users.

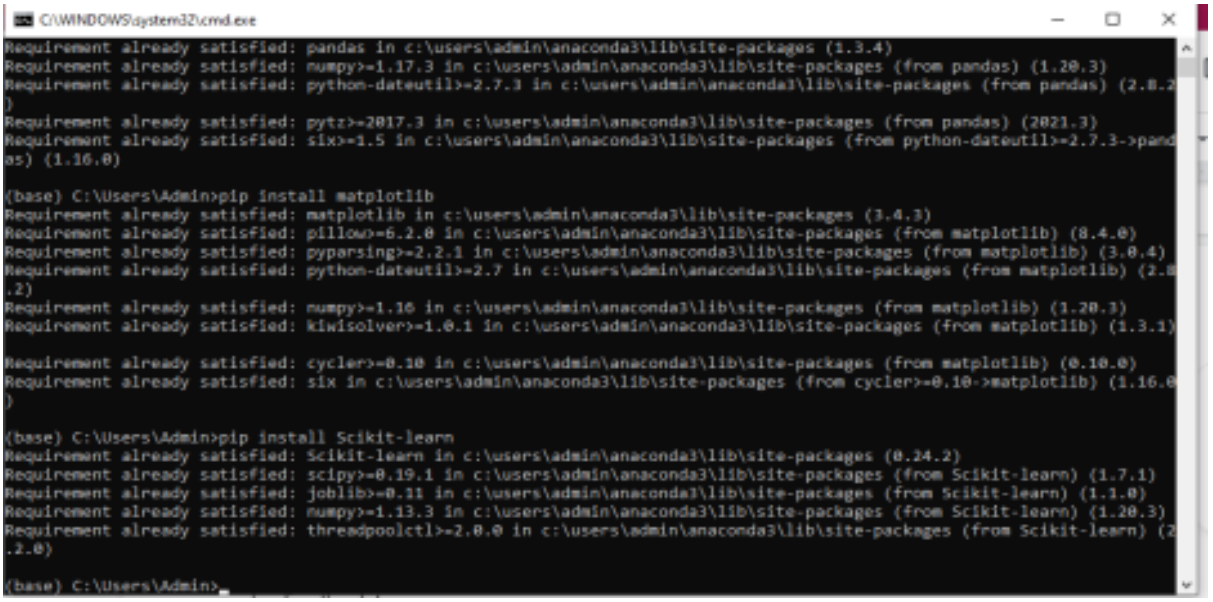
Step 5: install the Matplotlib package .To enter the Matplotlib package enter the command in the CMD.exe

Command: Pip install Matplotlib

Matplotlib :

Matplotlib is a comprehensive library for creating static, animated, and interactive visualizations in Python. This package is pre-installed in anaconda . Matplotlib is a amazing visualization library in Python for 2D plots of arrays. Matplotlib is a multi-platform data visualization library built on NumPy arrays and designed to work with the broader SciPy stack. It was introduced by John Hunter in the year 2002.

Step 6: install the Scikit-learn package . to enter the Scikitlearn package enter the command in the CMD,exe
Command: Pip install Scikit-learn



Scikit-learn :

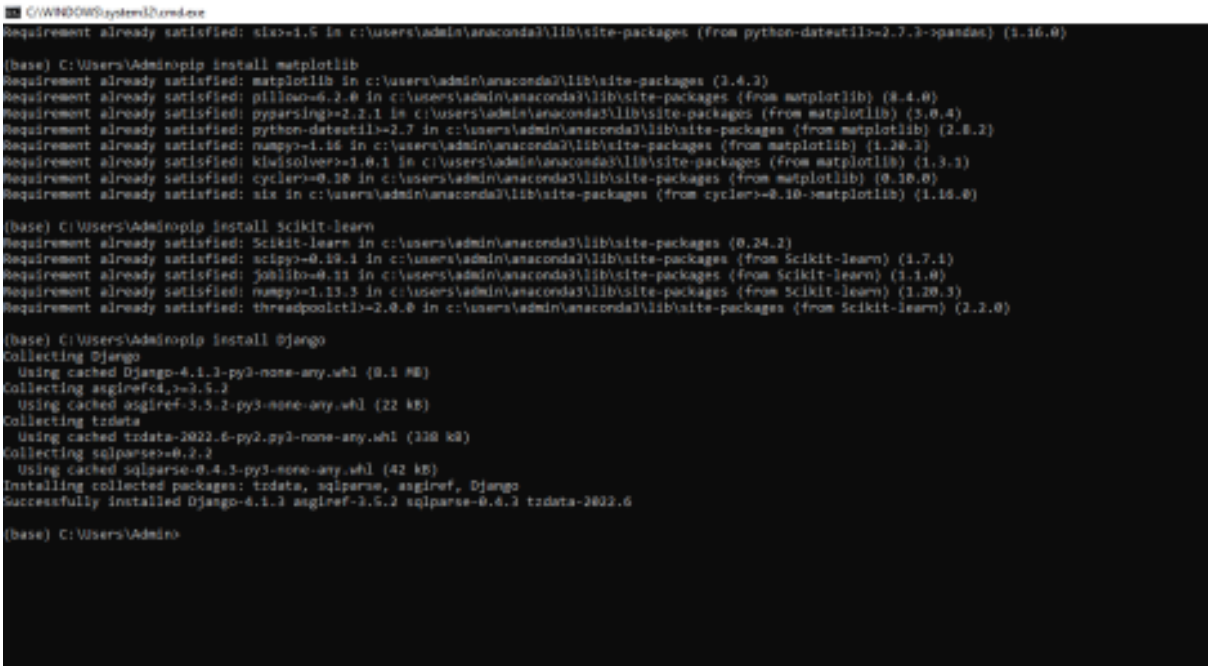
This is a machine learning library for the Python programming language. This package is pre-installed in anaconda.

• Scikit learn in python is mostly used in python for focusing on the modeling. It simply focused on modeling not focused on loading the data.

Step 7: install the Django package

Django is a Python-based web framework which allows you to quickly create web application without all of the installation or dependency problems that you normally will find with other frameworks.

When you're building a website, you always need a similar set of components: a way to handle user authentication (signing up, signing in, signing out), a management panel for your website, forms, a way to upload files, etc. Django gives you ready-made components to use.



Why Django?

It’s very easy to switch database in Django framework.

It has built-in admin interface which makes easy to work with it.

Django is fully functional framework that requires nothing else.

It has thousands of additional packages available.

It is very scalable.