

Installation Guide

Step 1:

Download the latest version of the Anaconda which is available at <https://www.anaconda.com/distribution/#download-section>.

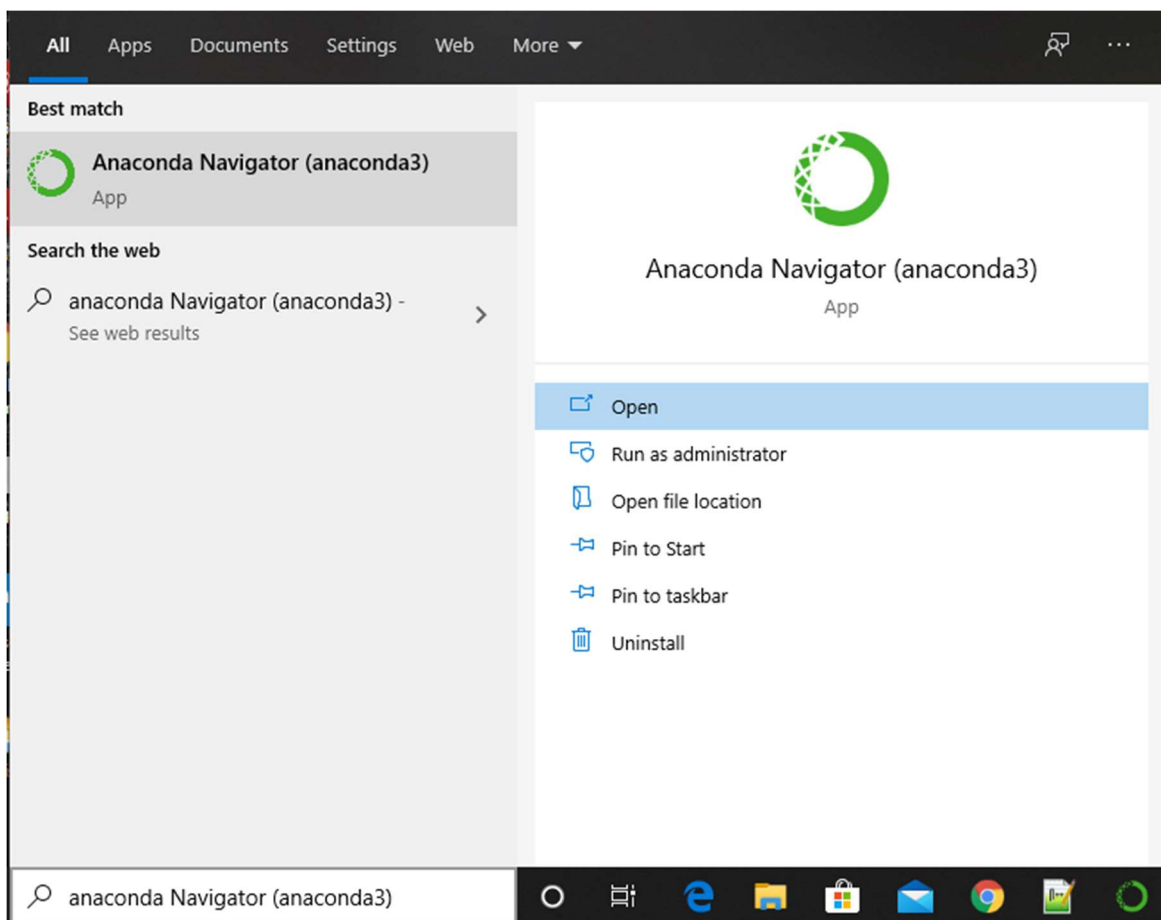
Select the 32-bit or 64-bit in accordance with the system requirements.

Step 2:

Run the downloaded .exe file to install the Anaconda in the system.

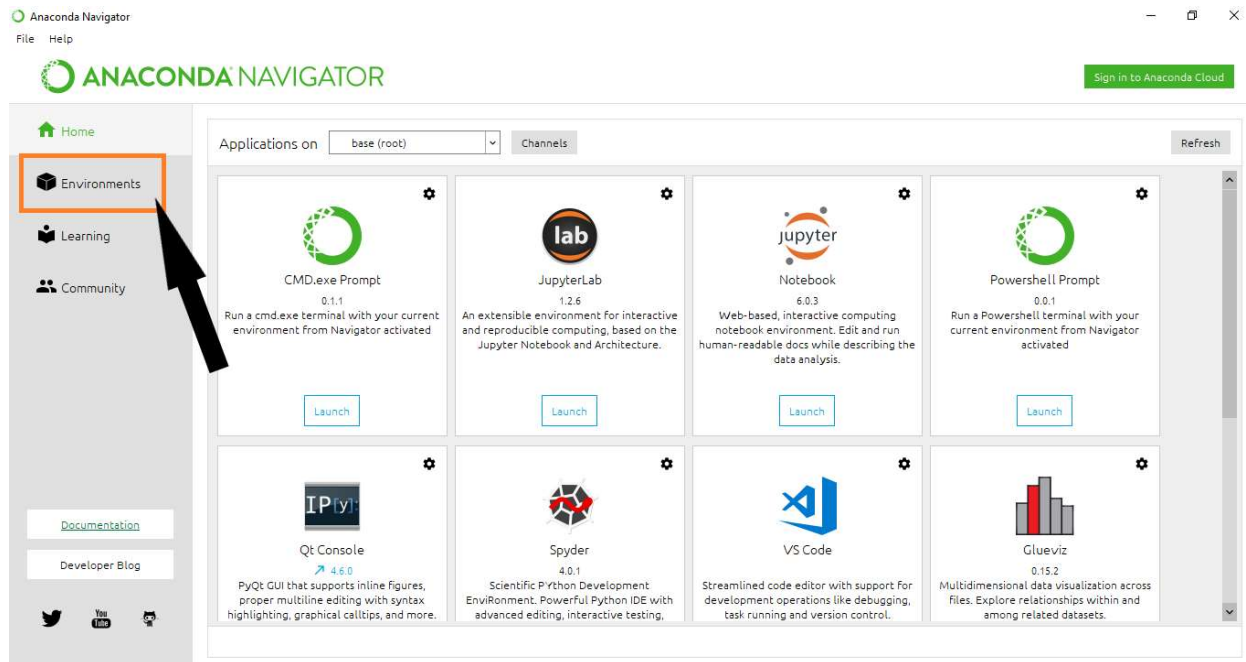
Step 3:

Open Anaconda Navigator from the start menu.

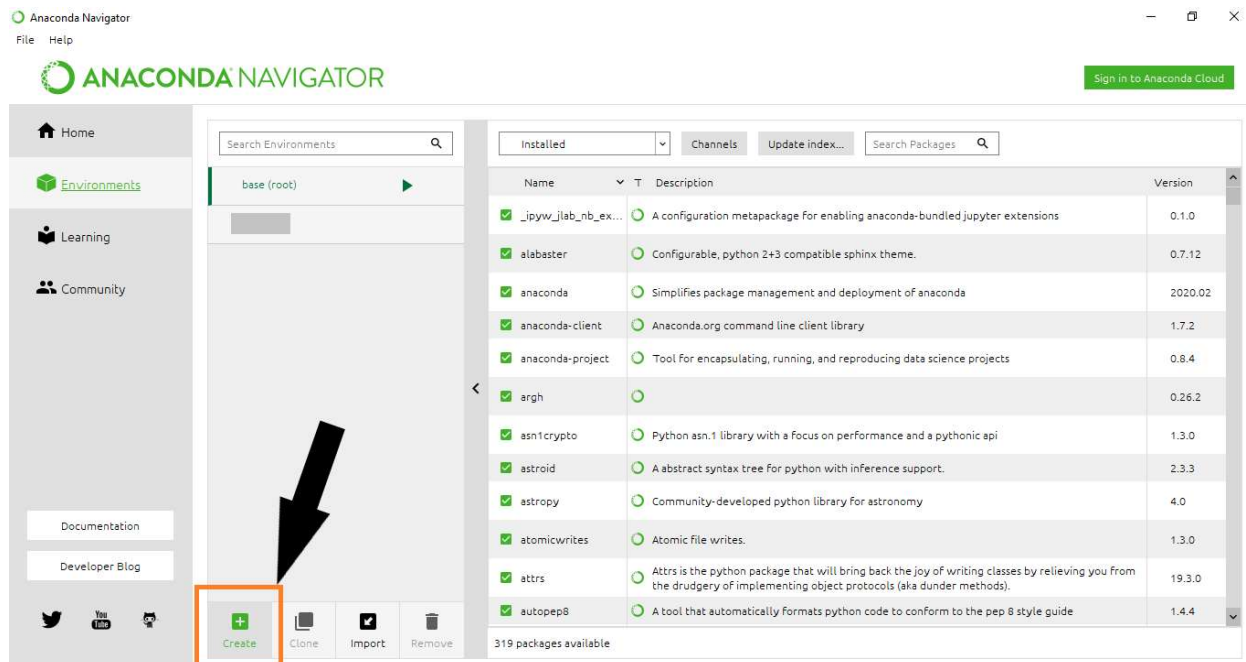


Step 4:

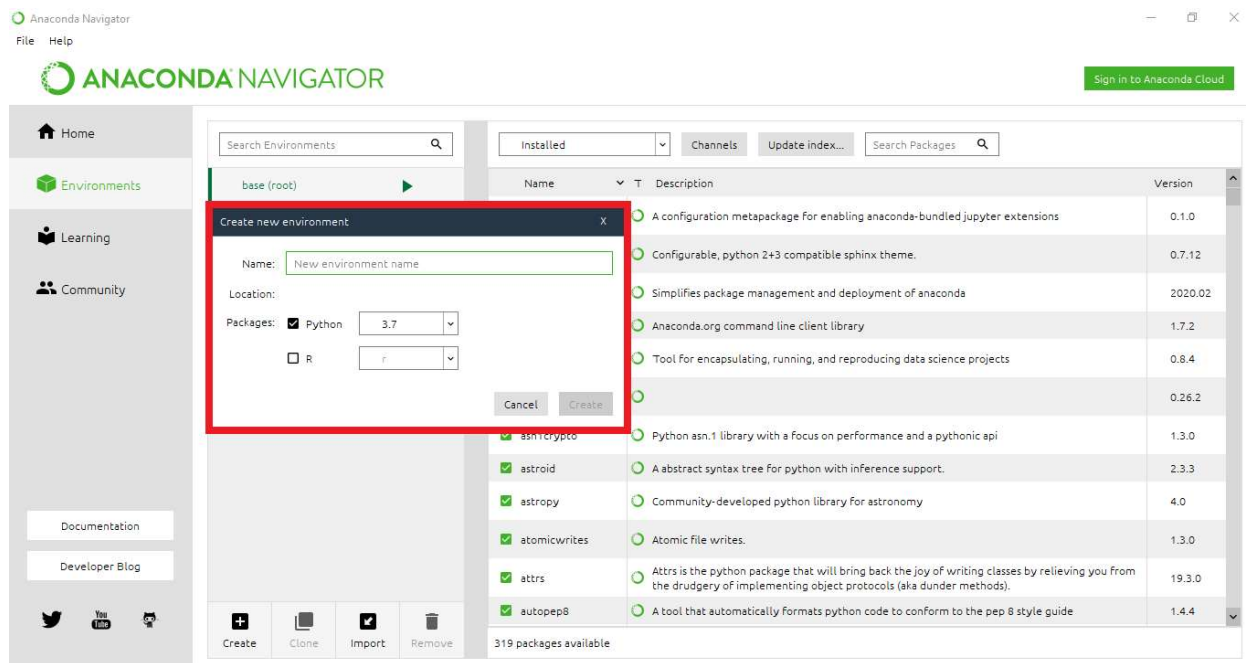
Select Environments in the navigator.



Create a new environment by clicking on the create option which is available at the bottom of the window.
























Give any name to the new environment and select python and version 3.7 from the available versions.



Step 5:

In the new environment select not installed in the search panel. Now search and select glob2, ipython, keras, matplotlib, pandas, plotly, seaborn, scikit-learn, tensorflow, tqdm and click on apply.

Name	T	Description	Version
 glob2		Version of the glob module that supports recursion via **, and can capture patterns.	0.7
 ipython		Ipython: productive interactive computing	7.9.0
 keras		Deep learning library for theano and tensorflow	2.3.1
 pandas		High-performance, easy-to-use data structures and data analysis tools.	1.0.1
 plotly		An interactive, browser-based graphing library for python	4.5.2
 scikit-learn		A set of python modules for machine learning and data mining	0.22.1
 scipy		Scientific library for python	1.4.1
 seaborn		Statistical data visualization	0.9.0
 tensorflow		Tensorflow is a machine learning library.	2.1.0
 tqdm		A fast, extensible progress meter	4.42.1

10 packages available 10 packages selected


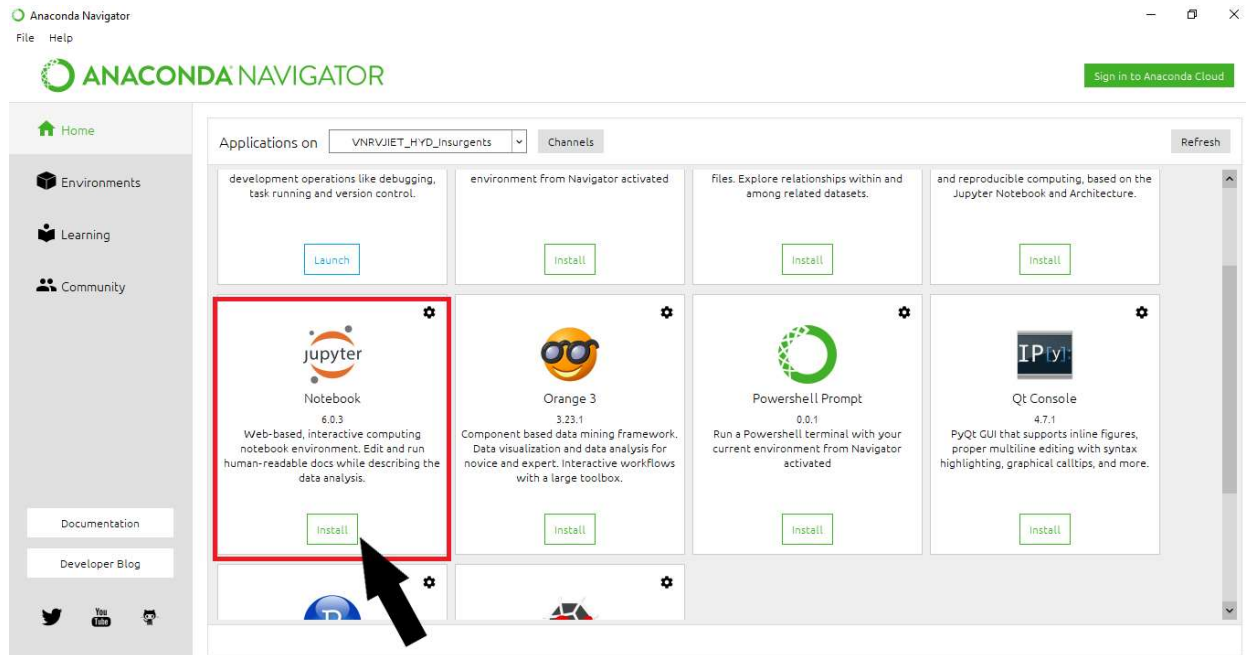
Apply

Clear

All the required packages will be installed in the environment created.

Step 6:

Go back to home in the Anaconda Navigator and install the jupyter notebook in the new environment that is created.



Step 7:

Create a folder and put all of the training data inside the folder.

Download the training data from the below link.

<https://drive.google.com/file/d/1okNjA1zo7JbA8bQht6SdImnzSM4qUV/view?usp=sharing>

Step 8:

Now that we have everything set and ready it's time to run **Speech_Emotion_Recognition.ipynb** in the jupyter notebook.

Step 9:

Change the path in accordance to the location of the training data set available in the system which it is running.

Step 10:

Run each and every cell in order and as of the final result we get all the predicted values of different emotions for the test data.