ReadMe_Installation

There are following installations are required to buil chatbot:

1. Python installation:

Python is a widely used high-level programming language. To write and execute code in python, we first need to install Python on our system.

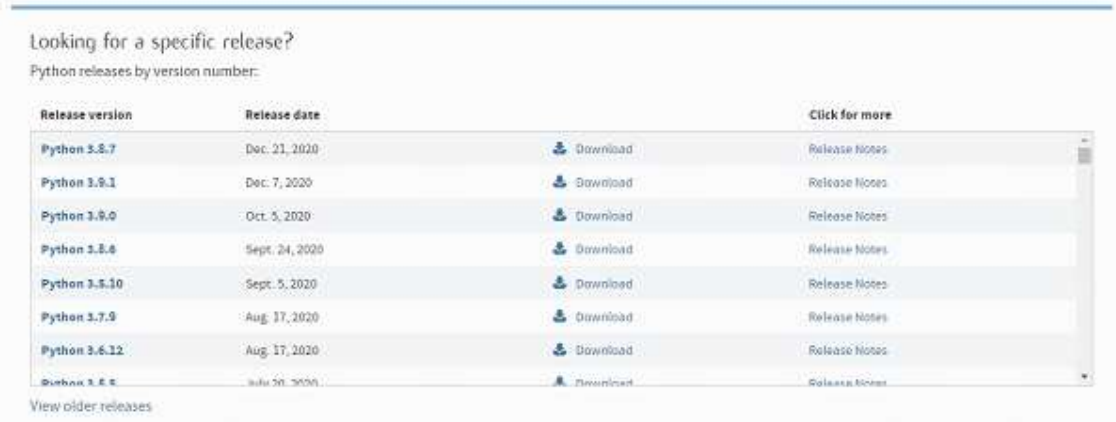Installing Python on Windows takes a series of few easy steps.

Step 1 − Select Version of Python to Install

Python has various versions available with differences between the syntax and working of different versions of the language. We need to choose the version which we want to use or need. There are different versions of Python 2 and Python 3 available.

Step 2 − Download Python Executable Installer

On the web browser, in the official site of python (www.python.org), move to the Download for Windows section.

All the available versions of Python will be listed. Select the version required by you and click on Download. Let suppose, we chose the Python 3.9.1 version.

On clicking download, various available executable installers shall be visible with different operating system specifications. Choose the installer which suits your system operating system and download the instlaller. Let suppose, we select the Windows installer(64 bits).
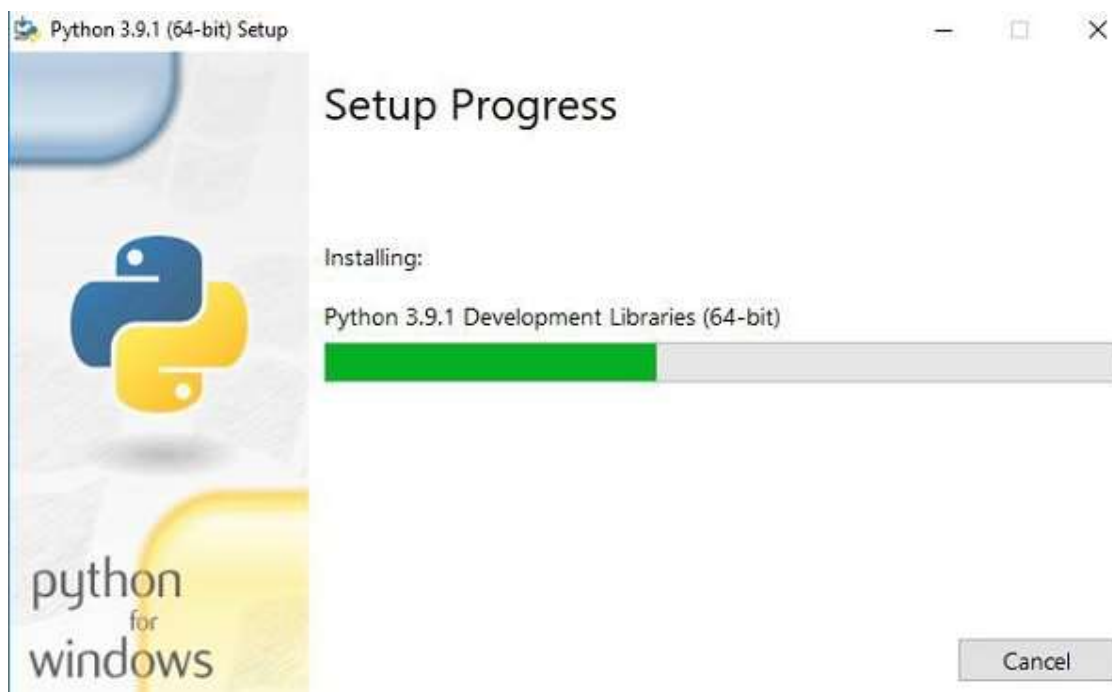
The download size is less than 30MB.

Step 3 − Run Executable Installer

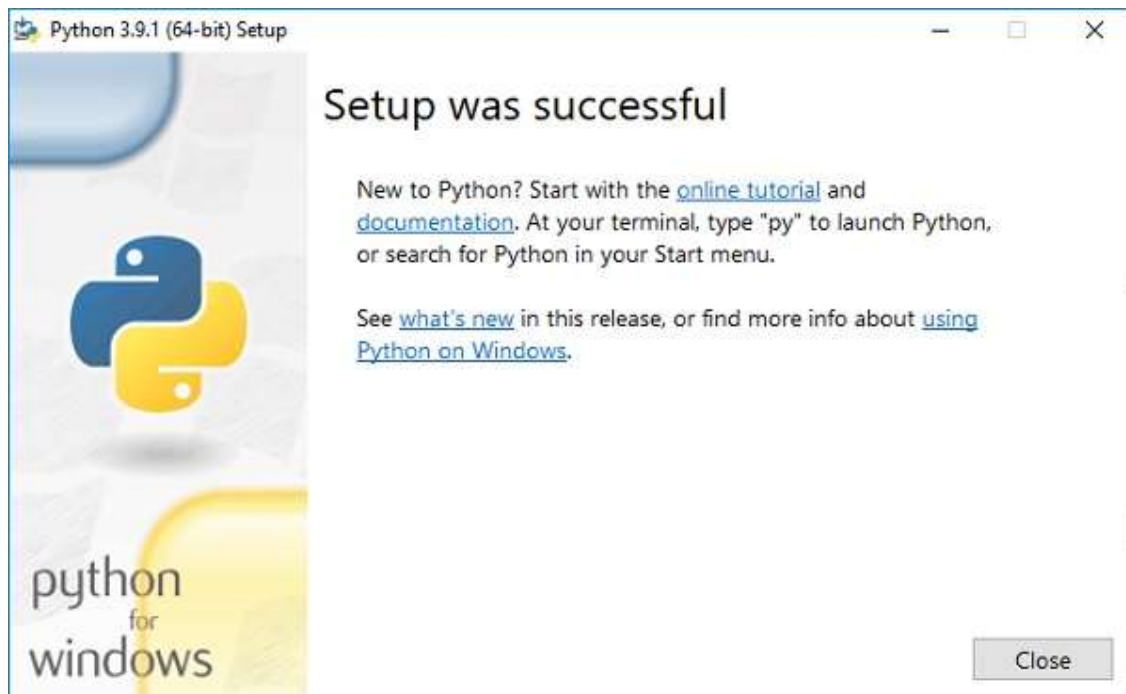We downloaded the Python 3.9.1 Windows 64 bit installer.

Run the installer. Make sure to select both the checkboxes at the bottom and then click Install New.

On clicking the Install Now, The installation process starts.

The installation process will take few minutes to complete and once the installation is successful, the following screen is displayed.

Step 4 − Verify Python is installed on Windows

To ensure if Python is succesfully installed on your system. Follow the given steps −

- Open the command prompt.
- Type 'python' and press enter.
- The version of the python which you have installed will be displayed if the python is successfully installed on your windows.

Step 5 − Verify Pip was installed

Pip is a powerful package management system for Python software packages. Thus, make sure that you have it installed.

To verify if pip was installed, follow the given steps −

- Open the command prompt.
- Enter pip –V to check if pip was installed.
- The following output appears if pip is installed successfully.

```
Command Prompt
Microsoft Windows [Version 10.0.17134.1304]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Inderjit Singh>pip -V
pip 20.2.3 from c:\users\inderjit singh\appdata\local\programs\python\python39\lib\site-packages\pip (python 3.9)

C:\Users\Inderjit Singh>
```

2. install flask, torch, torchvision, nltk, flask-cors:

Installing flask, torch, torchvision, nltk, flask-cors on Windows takes a series of few easy steps.

Step1 – Open command prompt

Step2 – Execute the command "pip install flask, torch, torchvision, nltk, flask-cors"

Pip is a powerful package management system for Python software packages. Thus, make sure that you have it installed.

Pip will help to install all python software packages.

```
Output

Collecting torch

  Downloading torch-1.7.1-cp38-none-macosx_10_9_x86_64.whl (108.9 MB)

     |████████████████████████████████| 108.9 MB 8.3 MB/s




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Successfully installed pillow-8.1.0 torch-1.7.1 torchvision-0.8.2
```

This type of output will be shown after each package installation.