

INSTALLATION PROCEDURE

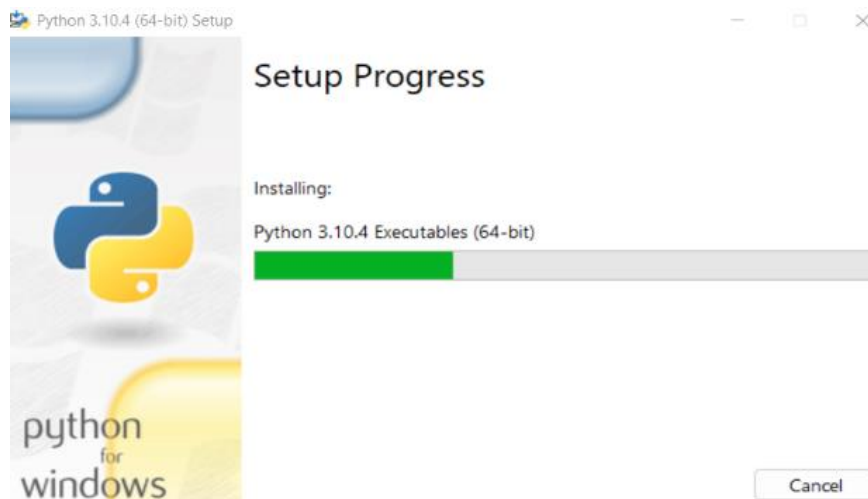
Steps to install python

Step-1: Download python from the website <https://www.python.org/>

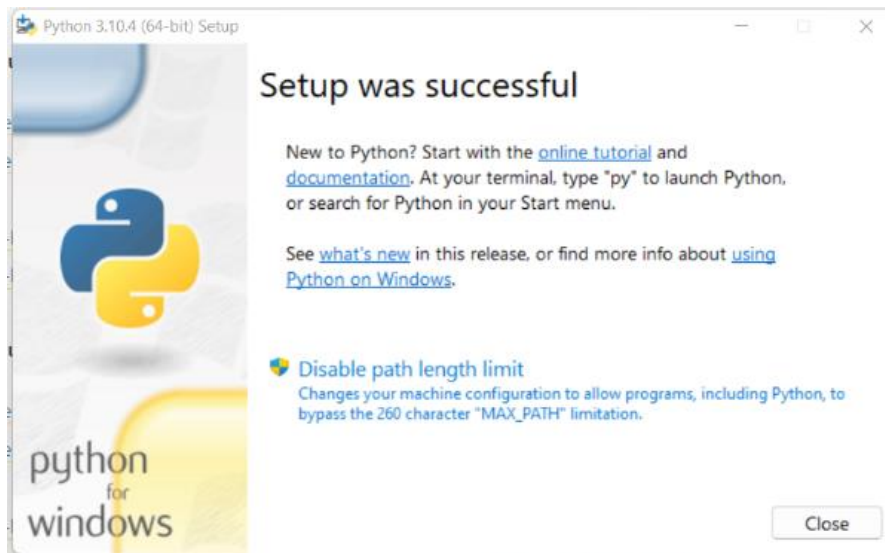
Step-2: After downloading the python executable file. Double click on it and click run as administrator.



Step-3: Now click on Install Now to install the python in your system and it starts the installation process.



Step-4: After the completion of the installation process, it displays the dialog box as shown below :



Step-5: click the close button and check whether the python is installed or not, by opening the Windows command prompt and type python.

```
C:\WINDOWS\system32\cmd.exe - python
Microsoft Windows [Version 10.0.22000.675]
(c) Microsoft Corporation. All rights reserved.

C:\Users\bujji>python
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
```

Step-6: Python is successfully installed and checks whether the pip is verified or not. Open the command prompt and type pip.

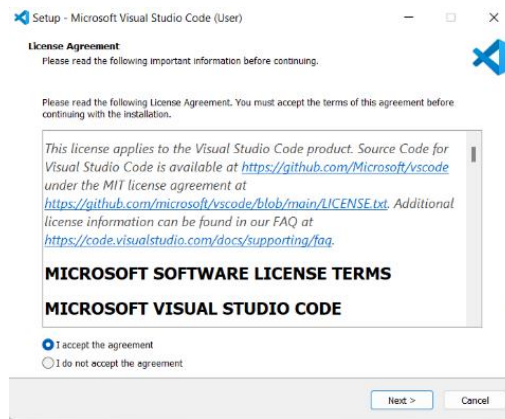
```
C:\WINDOWS\system32\cmd.exe
C:\Users\bujji>pip
Usage:
  pip <command> [options]

Commands:
  install           Install packages.
  download          Download packages.
  uninstall         Uninstall packages.
  freeze            Output installed packages in requirements format.
  list              List installed packages.
  show              Show information about installed packages.
  check             Verify installed packages have compatible dependencies.
  config            Manage local and global configuration.
  search            Search PyPI for packages.
  cache             Inspect and manage pip's wheel cache.
  index             Inspect information available from package indexes.
  wheel             Build wheels from your requirements.
  hash              Compute hashes of package archives.
  completion        A helper command used for command completion.
  debug             Show information useful for debugging.
  help              Show help for commands.

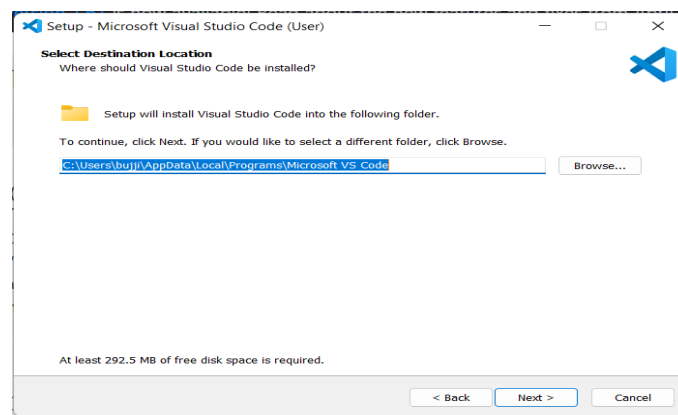
General Options:
  -h, --help            Show help.
  --debug              Let unhandled exceptions propagate outside the main subroutine, instead of logging them to stderr.
  --isolated            Run pip in an isolated mode, ignoring environment variables and user configuration.
  --require-virtualenv  Allow pip to only run in a virtual environment; exit with an error otherwise.
  -v, --verbose         Give more output. Option is additive, and can be used up to 3 times.
  -V, --version         Show version and exit.
  -q, --quiet           Give less output. Option is additive, and can be used up to 3 times (corresponding to WARNING, ERROR, and CRITICAL logging levels).
  -log <path>          Path to a verbose appending log.
  --no-input            Disable prompting for input.
  --proxy <proxy>       Specify a proxy in the form [user:password]@proxy.server:port.
  --retries <retries>   Maximum number of retries each connection should attempt (default 5 times).
  --timeout <sec>       Set the socket timeout (default 15 seconds).
  --exists-action <action> Default action when a path already exists: (s)witch, (i)gnore, (w)ipe, (b)ackup, (a)bort.
  --trusted-host <hostname> Mark this host or host:port pair as trusted, even though it does not have valid or any HTTPS.
  --cert <path>         Path to PEM-encoded CA certificate bundle. If provided, overrides the default. See 'SSL Certificate Verification' in pip documentation for more information.
  --client-cert <path> Path to SSL client certificate, a single file containing the private key and the certificate in PEM format.
  --cache-dir <dir>     Store the cache data in <dir>.
  --no-cache-dir        Disable the cache.
  --disable-pip-version-check Don't periodically check PyPI to determine whether a new version of pip is available for download. Implied with --no-index.
  --no-color            Suppress colored output.
  --no-python-version-warning Silence deprecation warnings for upcoming unsupported Python versions.
  --use-feature <feature> Enable new functionality, that may be backward incompatible.
```

Steps to install Visual Studio Code Editor:

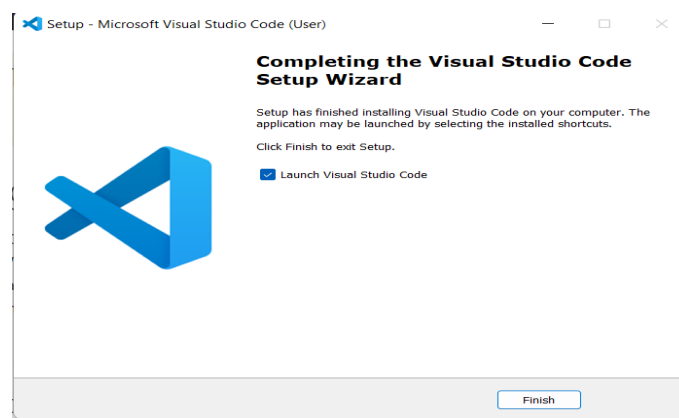
Step-1: Download the visual studio code editor from the website <https://code.visualstudio.com> and click the download button to download the respective version. After downloading double click on to run the setup process.



Step-2: accept the agreement and choose the installation location as per your request and Click on next to install the process.



Step-3: After selecting the location, the installation process continues and the visual studio code was ready to run and click on finish to open launch visual studio code.



Steps to run Asset Price Prediction

Step-1: Copy the project folder to your system and we need a virtual environment to install Django framework. We can install a virtual environment by using the following steps:

- Open the windows command prompt and change the path to the project folder path by using the command “cd”.

- Enter the following command to create a virtual environment i.e.,

```
py -3 -m venv .venv
```

- After that change directory to .venv folder by using cd command

```
cd .venv
```

- Again change the directory to the Scripts folder and type activate to activate the virtual environment.

```
cd Scripts\activate
```

- The command will activate the virtual environment and type the following command to install Django

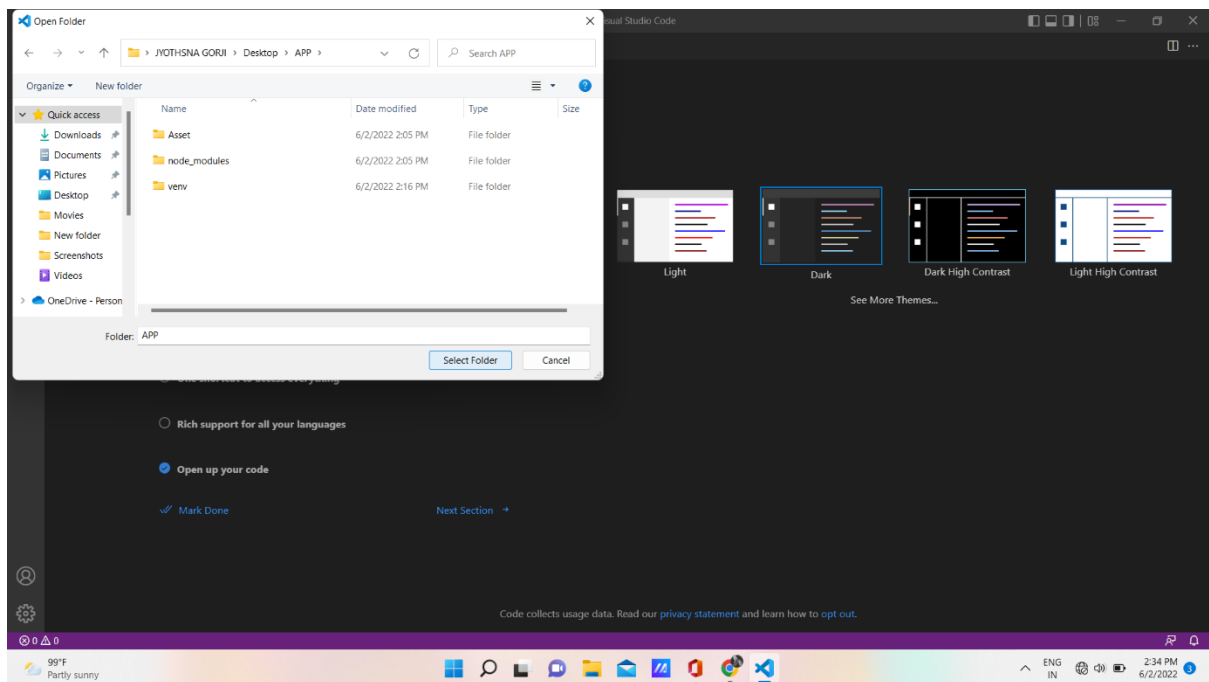
```
pip install Django
```

- This will install the Django in the virtual environment.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.22000.675]
(c) Microsoft Corporation. All rights reserved.

C:\Users\bujji>cd onedrive
C:\Users\bujji\OneDrive>cd desktop
C:\Users\bujji\OneDrive\Desktop>cd APP
C:\Users\bujji\OneDrive\Desktop\APP>py -3 -m venv .venv
C:\Users\bujji\OneDrive\Desktop\APP>cd .venv
C:\Users\bujji\OneDrive\Desktop\APP\.venv>cd Scripts
C:\Users\bujji\OneDrive\Desktop\APP\.venv\Scripts>activate
(.venv) C:\Users\bujji\OneDrive\Desktop\APP\.venv\Scripts>pip install django
Collecting django
  Using cached Django-4.0.5-py3-none-any.whl (8.0 MB)
Collecting tzdata
  Using cached tzdata-2022.1-py2.py3-none-any.whl (339 kB)
Collecting asgiref<4,>=3.4.1
  Using cached asgiref-3.5.2-py3-none-any.whl (22 kB)
Collecting sqlparse>=0.2.2
  Using cached sqlparse-0.4.2-py3-none-any.whl (42 kB)
Installing collected packages: tzdata, sqlparse, asgiref, django
Successfully installed asgiref-3.5.2 django-4.0.5 sqlparse-0.4.2 tzdata-2022.1
WARNING: You are using pip version 22.0.4; however, version 22.1.2 is available.
You should consider upgrading via the 'C:\Users\bujji\OneDrive\Desktop\APP\.venv\Scripts\python.exe -m pip install --upgrade p
(.venv) C:\Users\bujji\OneDrive\Desktop\APP\.venv\Scripts>
```

Step-2: After that, import the project folder in the Visual Studio code editor, by clicking the open folder option in the File menu in visual studio code and select the folder.

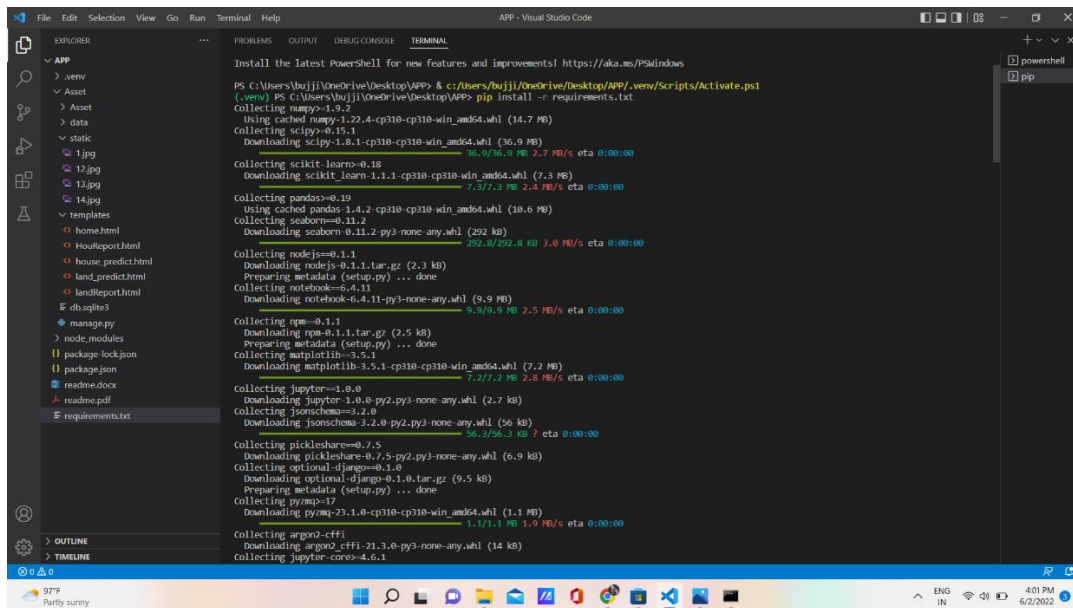


Step-3: After opening the project folder, we install some modules to run the project. For this, we list all the modules that are used in this project in a text file named requirements. Here is the requirement.txt file

```
views.py  < HouReport.html  requirements.txt  < lan...
requirements.txt
1  numpy>=1.9.2
2  scipy>=0.15.1
3  scikit-learn>=0.18
4  pandas>=0.19
5  seaborn==0.11.2
6  nodejs==0.1.1
7  notebook==6.4.11
8  npm==0.1.1
9  matplotlib==3.5.1
10 jupyter==1.0.0
11 jsonschema==3.2.0
12 pickleshare==0.7.5
13 openpyxl==3.0.9
14
```

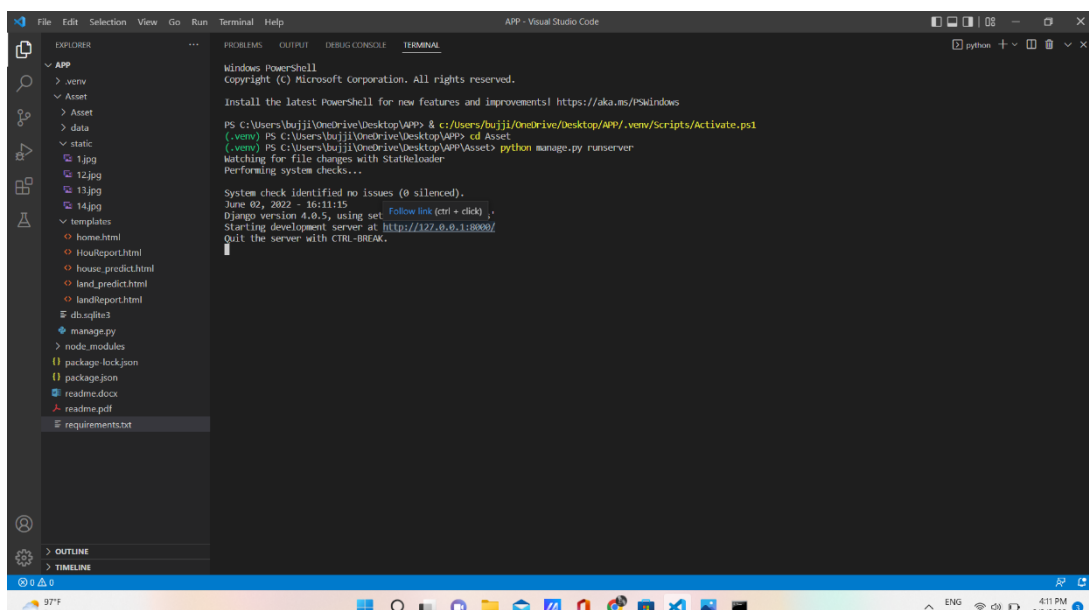
Step-4: Enter the below command to install all the modules at a time. Open the new terminal in the visual studio code and enter the following command

pip install -r requirements.txt



Step-5: After successful installation of packages. Follow the below steps to run the website in the local host.

- Open the new terminal and change the directory to the Asset folder.
cd Asset
- Enter the following command to run the server
python manage.py runserver
- It starts the local sever and gives a link to the website. Press ctrl +right click on the link, it will redirect to the website in the browser.



Step-6: To stop the local server press ctrl + c or close the tabs of the visual studio code.

Step-7: Finish.