Data Annotation Tool Installation and Setup

Required packages:

1. Python (python3 for ubuntu) latest version or >= 3.10
2. Pip (if you are using the anaconda then no need of pip)

Once you installed these requirements successfully. Follow the below procedure based on your operating system. For any other linux operating system (other than ubuntu), just follow the ubuntu installation setup. **Always contact your respective student coordinators to resolve your installation issues.**

Installation setup in Windows

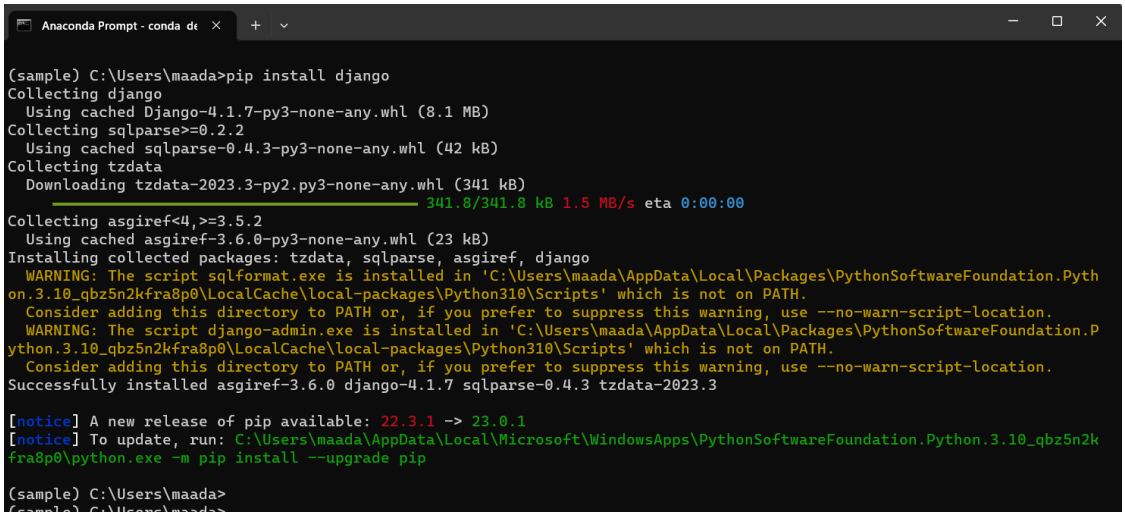
1) Install the python and setup the environment

Use the following video link to install and setup the python in your windows operating system.
Video link: https://www.youtube.com/watch?v=Kn1HF3oD19c

2) Install django and numpy packages

If you are using anaconda, then open the anaconda prompt and type "**conda install django**". It will install the django package using anaconda.

Otherwise, open the command prompt and type "**pip install django**". It will install the django package using the python.



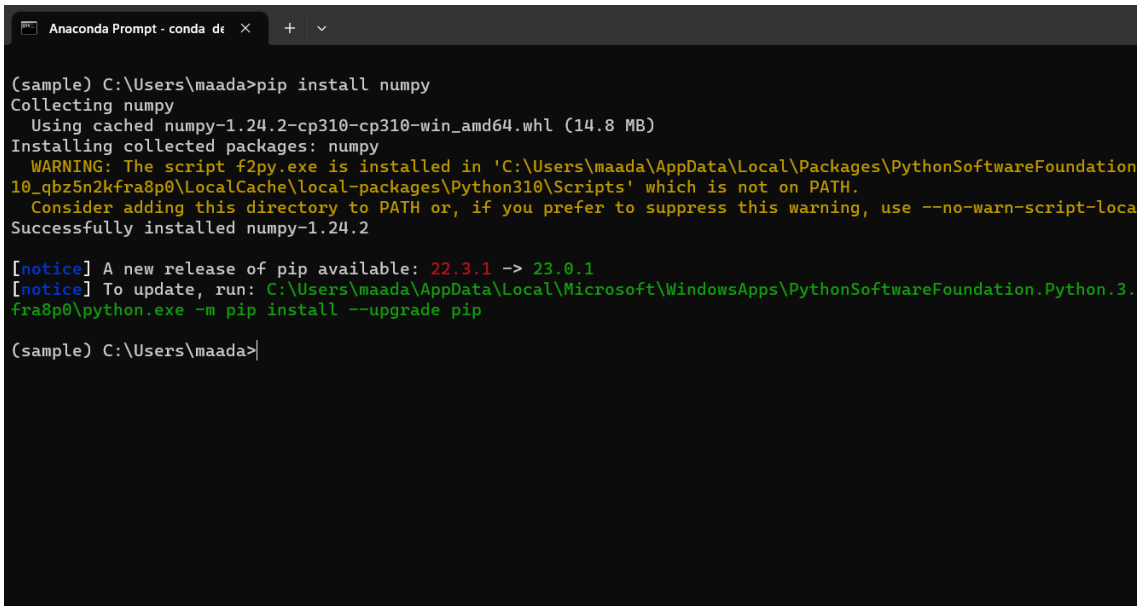
In similar way, install the numpy package using

1) Anaconda:

   Use “**conda install numpy**” command to install the numpy

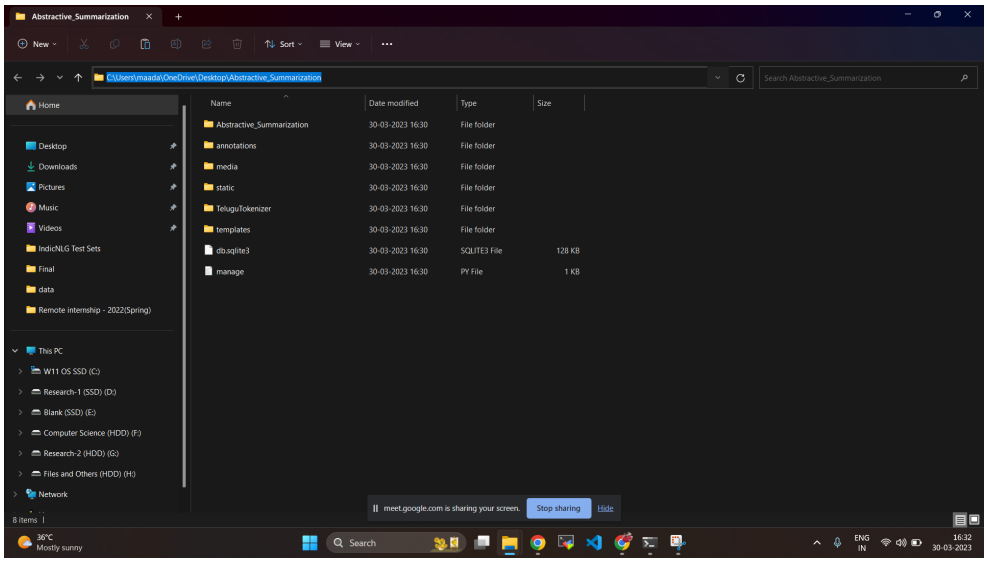
2) pip:
   Use “**pip install numpy**” command to install the numpy

You will see the output as shown in below image.

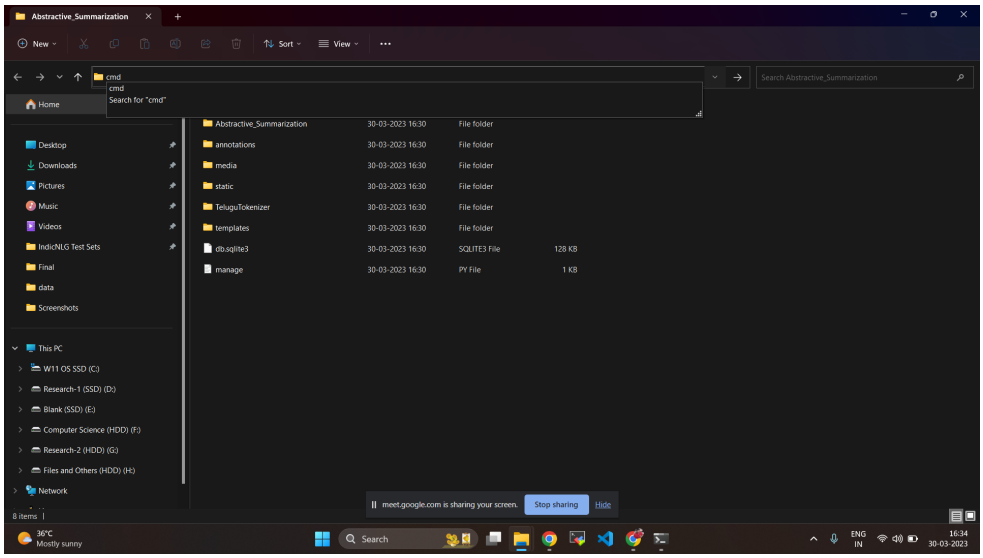


3) Run the django server

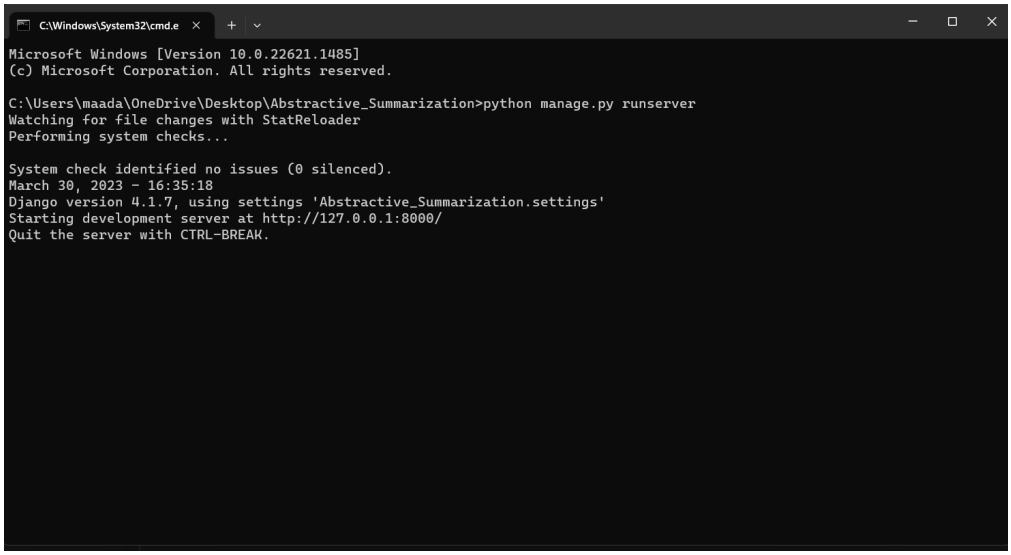
First, go to the project folder (where manage.py file resides) and in the address bar (the box where the text identified in blue color) type “**cmd**”.



Once you type “**cmd**”, the output will look like the below image. Click on “**Enter**” to open the command prompt at the project folder location.

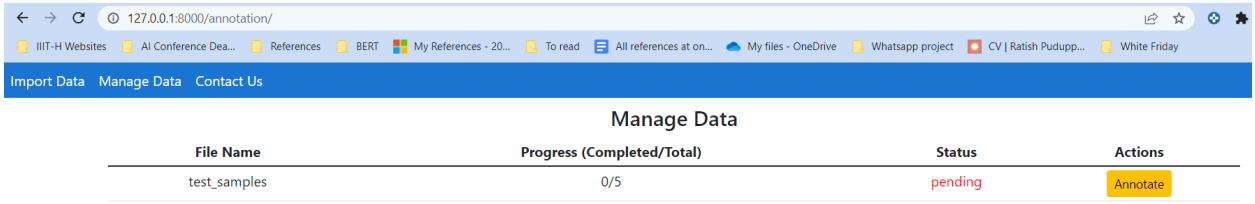


Once you press “**Enter**”, then you will have the command prompt as like below image. Then type “**python manage.py runserver**” command to start the django server. You will find the “http://127.0.0.1:8000/” in the output once you run the above command.



4) Start the annotation tool

Now open "http://127.0.0.1:8000/", in your browser to work on the data annotation task. You will see the image as like below.



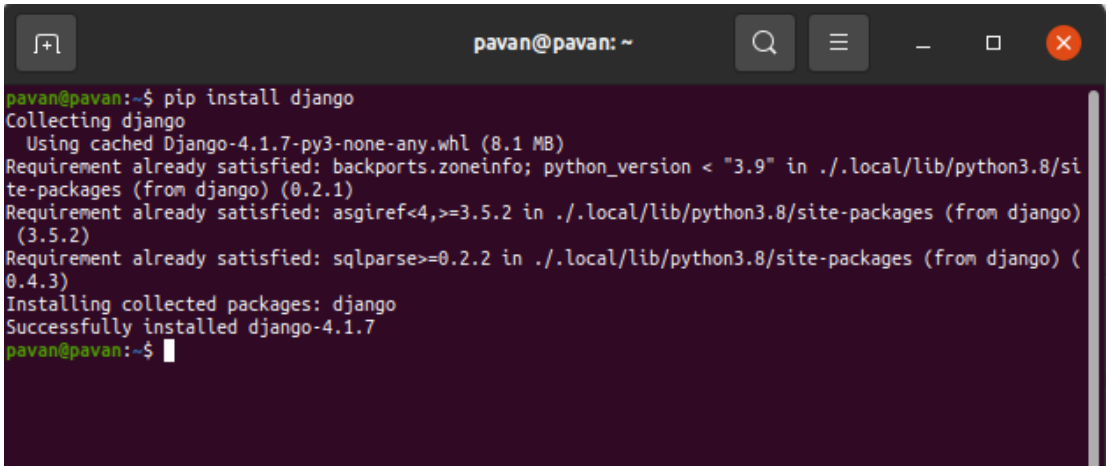
Installation setup in Linux (Ubuntu)

5) Install the python and setup the environment

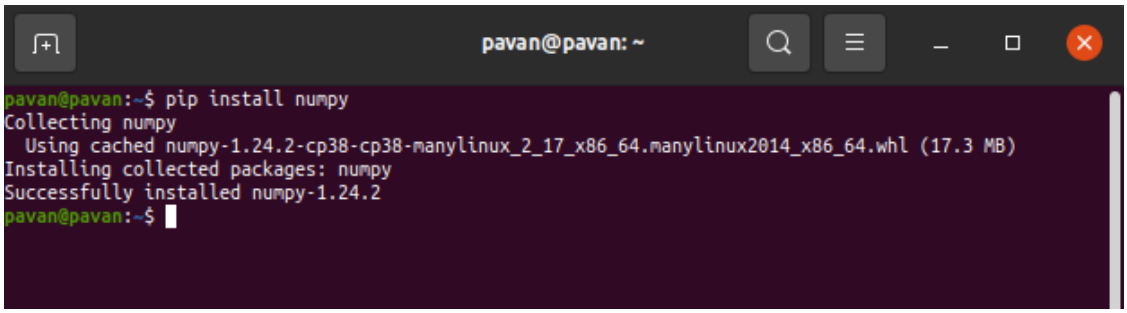
Use the following video link to install and setup the python in your linux operating system.
Video link: https://www.youtube.com/watch?v=z3Hdewxuuoo

6) Install django and numpy packages

open the terminal and type "**pip install django**". It will install the django package using the python.

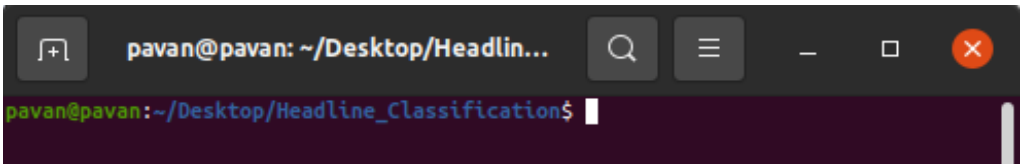


In similar way, install the numpy package using "**pip install numpy**" command to install the numpy
You will see the output as shown in below image.

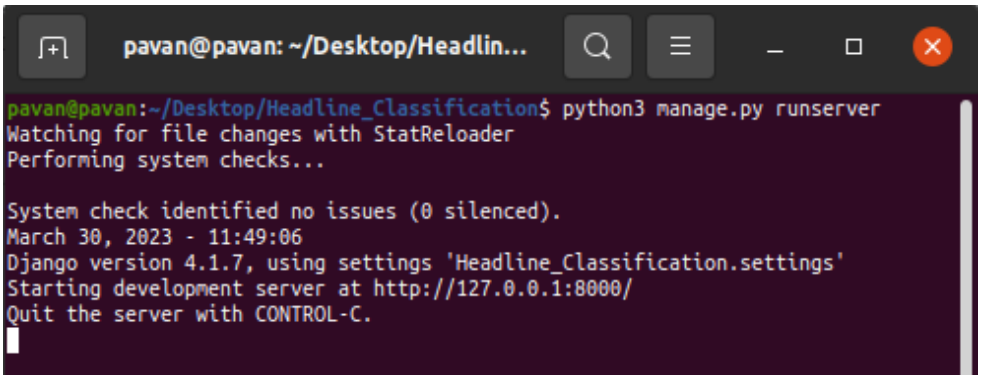


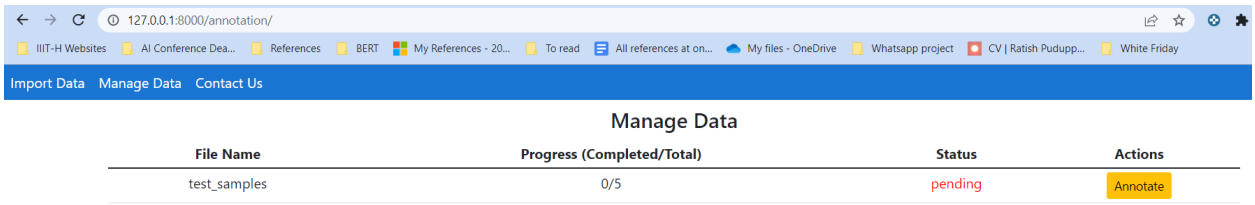
7) Run the django server

First, go to the project folder (where manage.py file resides) and right click on the location and select "**Open in Terminal**" to open the terminal at the project folder location. The terminal will look like this (here my project folder is on *Desktop* and manage.py file in *Headline_Classification* folder).



Then type "**python manage.py runserver**" command to start the django server. You will find the "http://127.0.0.1:8000/" in the output once you run the above command.



8) Start the annotation tool

Now open "http://127.0.0.1:8000/", in your browser to work on the data annotation task. You will see the image as like below.