

Read ME File for the Project

The project's code is under the Code directory, apart from the files required for submission, there is a configuration file called **config.py**, which contains 4 objects, one for each module, which allow changing the parameters passed to the various models in a centralized manner.

We used the following packages which specified in the requirements.txt :

Numba,numpy,opencv_python,scipy

How to run:

- 1) Open the config.py under CODE directory and just your parameters .
- 2) Run the command **pip install -r requirements.txt** to make sure u have all the packages is needed.
- 3) Place the inputs at the input directory (input.avi and background.jpg).
- 4) Run the main.py file
- 5) The output videos will be at the OUTPUT directory.

At each stage there are logs that print and say which stage ran and how long it took, as well as a tab that opens and shows the amount of frames processed in the current stage.