# How To Setup Client

## step 1

**Create Virtual Env**

- set up enviroment on anaconda with python3.8 and activate the enviroment

```
!conda create -n myenv python=3.8
!conda activate myenv
```

Refer : [https://docs.conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html]

**NOTE : On Linux Machine Prefer Normal Enviroment Not conda (Reason : Tkinter(GUI-Package) do not work proerly with Conda in linux)**

- For Linux Refer : https://uoa-eresearch.github.io/eresearch-cookbook/recipe/2014/11/26/python-virtual-env/

```
!pip install virtualenv
!virtualenv mypython
!source mypython/bin/activate
```

## step 2

install dependencies

```
!pip install Pillow

!pip install opencv-python

!pip install opencv-contrib-python

!pip install numpy

!pip install pprint

!pip install mysql-connector-python

!pip install DateTime

!pip install pdf2image

!pip install python-docx
```

> if Windows Machine:

```
!pip install docx2pdf
!conda install -c conda-forge poppler
```

## step 3

**Dawnload Video From :**

- https://drive.google.com/drive/folders/1mu1aA6g2nnYfz_6xJbsgh1ld51sSyISf?usp=sharing

**Modify Configre.json File**

```json
{
    "APIURL":"http://192.168.1.227:8000/test/",      // Your Server Url Here
    "DBconn": { "host":"db4free.net",                // Database Credentials
                "user":"ksv1234",
                "passwd":"ldrp-itr",
                "database":"ksvrto",
                "port":3306
    },
    "VideoPath":"<Primary Video Path>",          // Video Path
    "VideoBasePath":"<All Video Folder Path>",   // Video Folder
    "Offances":[
                {
                    "Offance":"Violating parking rules",
                    "fine1":"500",
                    "fine2":"1000"
                },
        ...
        // add Other Offance Here
            ]
}
```

# step 4

Run MainFile

```
!python MainGui.py
```