

Multi Person Face Recognition

Inferencing Guide

STEP 1) Create a virtual environment

```
python3 -m venv myenv
```

STEP 2) Activate your created virtual environment

```
Source myenv/bin/activate
```

STEP 3) Upgrade pip

```
pip3 install --upgrade pip
```

STEP 4) Install additional libraries to work on videos

```
sudo apt update -y && sudo apt install ffmpeg libsm6  
libxext6 -y
```

STEP 5) Install additional libraries for dlib and face_recognition

```
sudo apt install cmake libboost-all-dev -y  
sudo apt install build-essential -y
```

STEP 6) Install project required libraries

```
pip3 install -r requirements.txt
```

STEP 7) Install Gmail APIs for sending email alerts

```
pip3 install --upgrade google-api-python-client  
google-auth-httpplib2 google-auth-oauthlib
```

STEP 8) Run the project

```
python -m flask --app src/app.py run --host=0.0.0.0
```