

dog-breed-predictor

Using ResNet50 for dog breed prediction using webcam

Step 1:

Download and Install Python, pip and virtualenv to your system if you don't have it.

```
py -m pip install --upgrade pip
py -m pip --version
py -m pip install --user virtualenv
```

Step 2:

Open your project folder and create a virtual environment using the command below

```
py -m venv env
```

Activate the environment that you created.

```
.\env\Scripts\activate
```

Step 3:

Install all the packages from [requirement](#) file using the following command.

```
pip install -r requirements.txt
```

Step 4:

Run the [main.py](#) file.

Note: This will run on a development server. Do not use it in as production deployment.

Step 5:

Open the url where your application is running like `http://127.0.0.1:2000` in the snippet of my CMD.

```
* Debug mode: on
* Running on http://127.0.0.1:2000 (Press CTRL+C to quit)
```

You can use `Start/Stop` to start/stop prediction.

Use `Close Webcam` button to close the webcam.

After you are done with the application press `CTRL+C` in the CMD to quit.

Note: You'll have to restart your application after you close your webcam

Enjoy Predicting!