

Facial Emotion Recognition

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Introduction

Introduction

In this project, a deep CNN is trained using a large dataset.

The files overview is as follows:

Files Overview

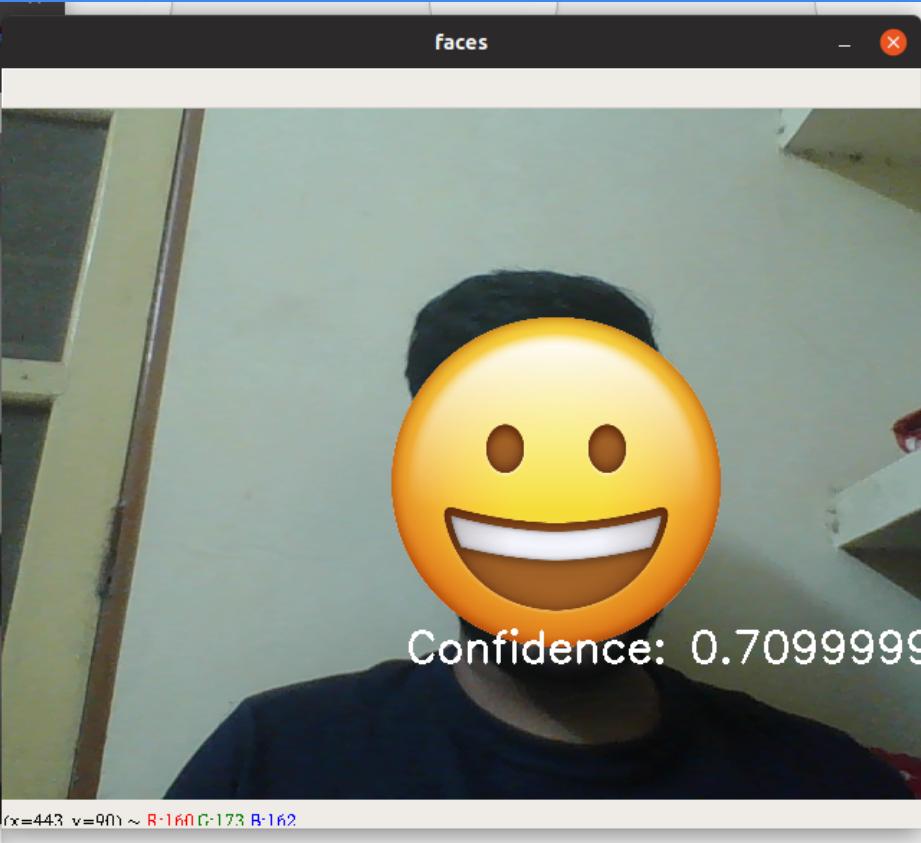
- data_manager.py
- dataset_creator.py
- face_capture.py
- __init__.py
- predict.py
- train.py

97.6%

Test accuracy

Results

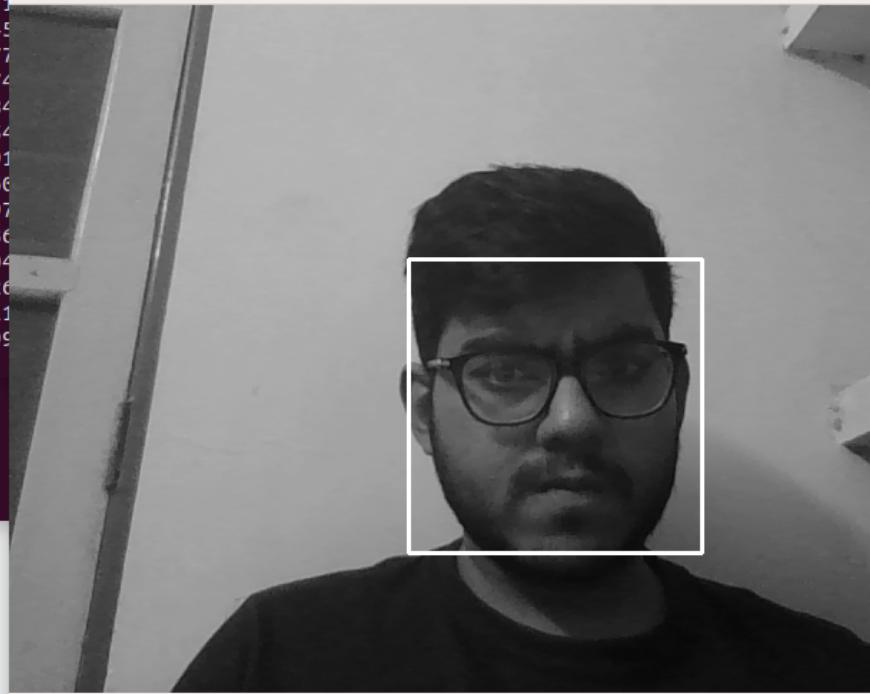
```
170147401  
45809 140650118250816 predict.py:73] CRITICAL - model inference  
8  
7  
6  
5  
4  
3  
2  
1  
0  
gray-scale
```



```
578539 140650118250816 predict.py:73] CRITICAL - model inference
```

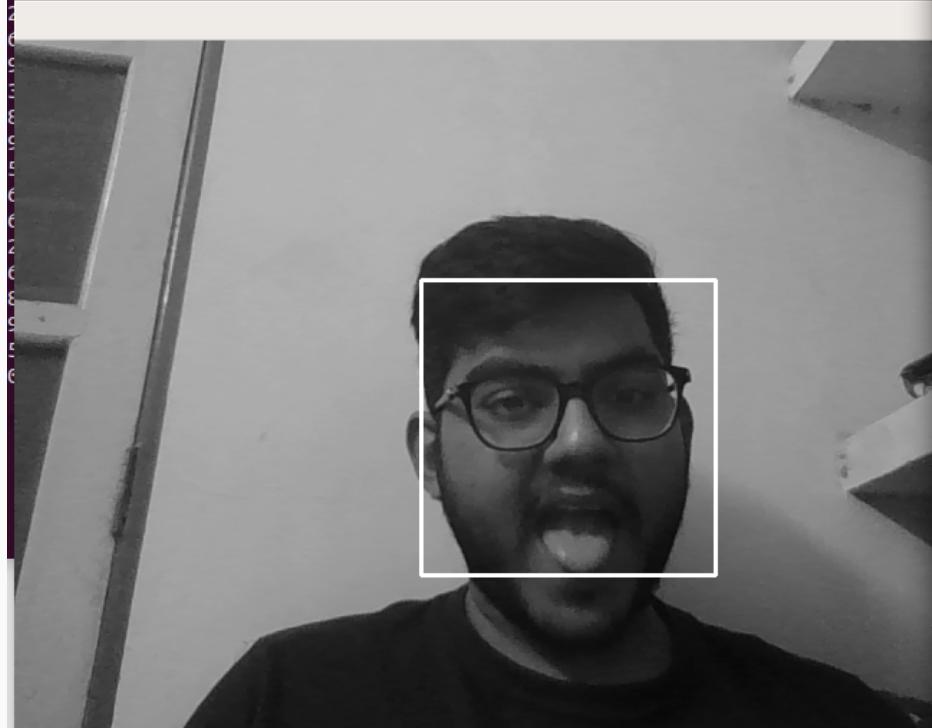
```
82  
64  
09  
71  
45  
77  
74  
84  
54  
91  
66  
97  
36  
04  
26  
11  
99
```

gray-scale

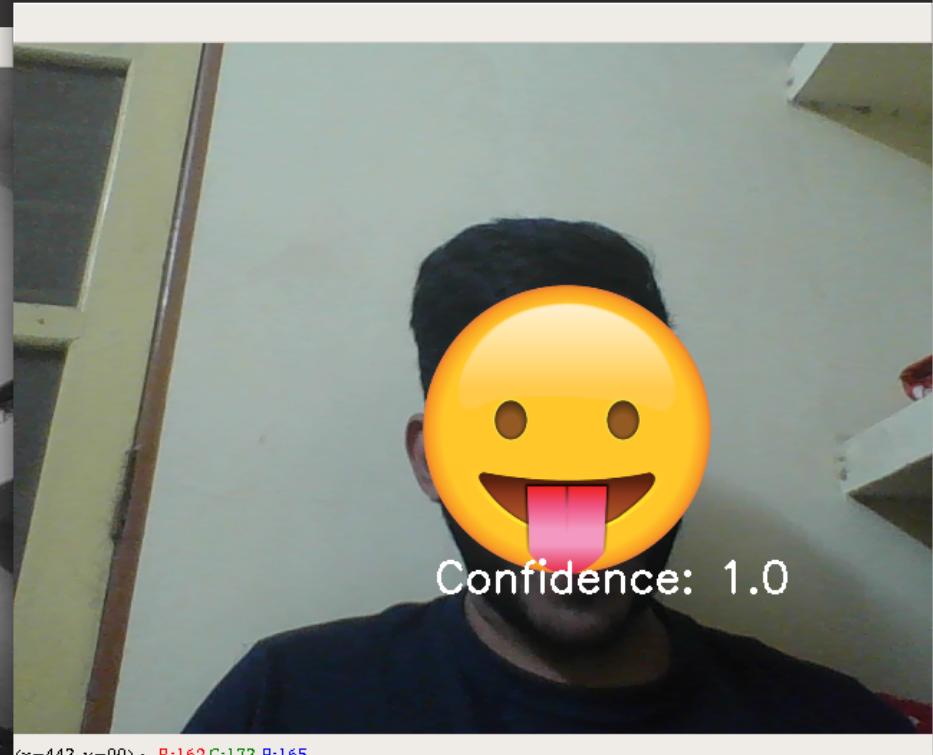


29002 140030118250810 predictct.py:73] CRITICAL - Model difference

gray-scale

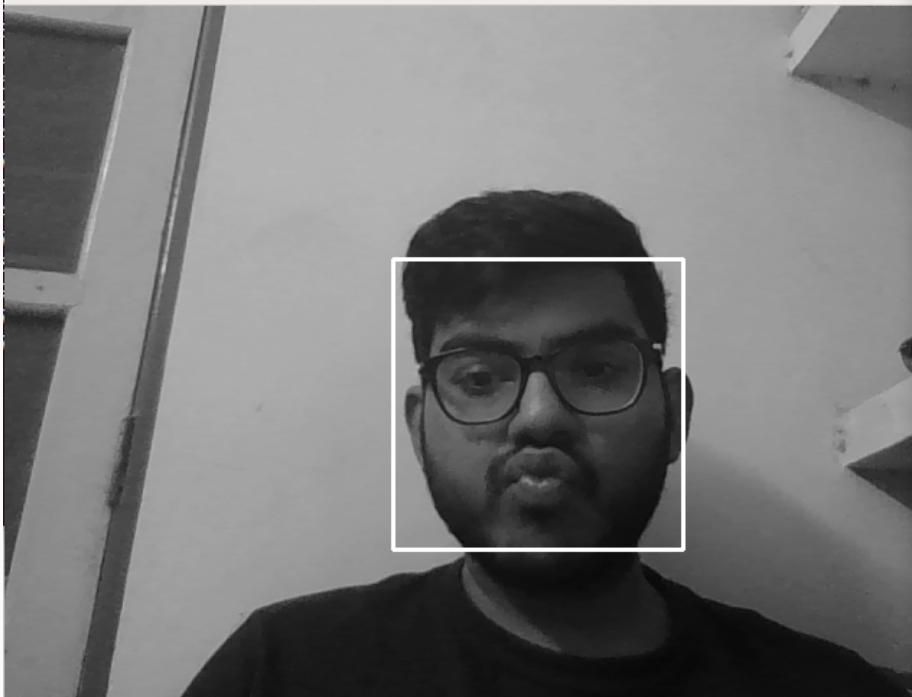


faces

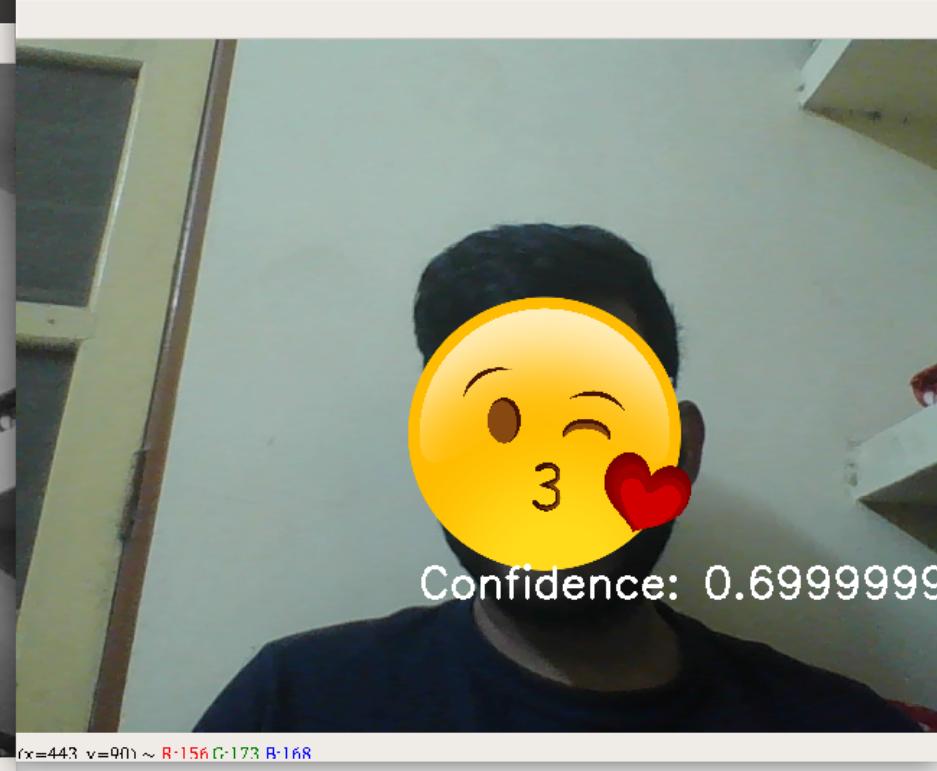


89103 140650118250816 predict.py:73] CRITICAL - model inference

gray-scale

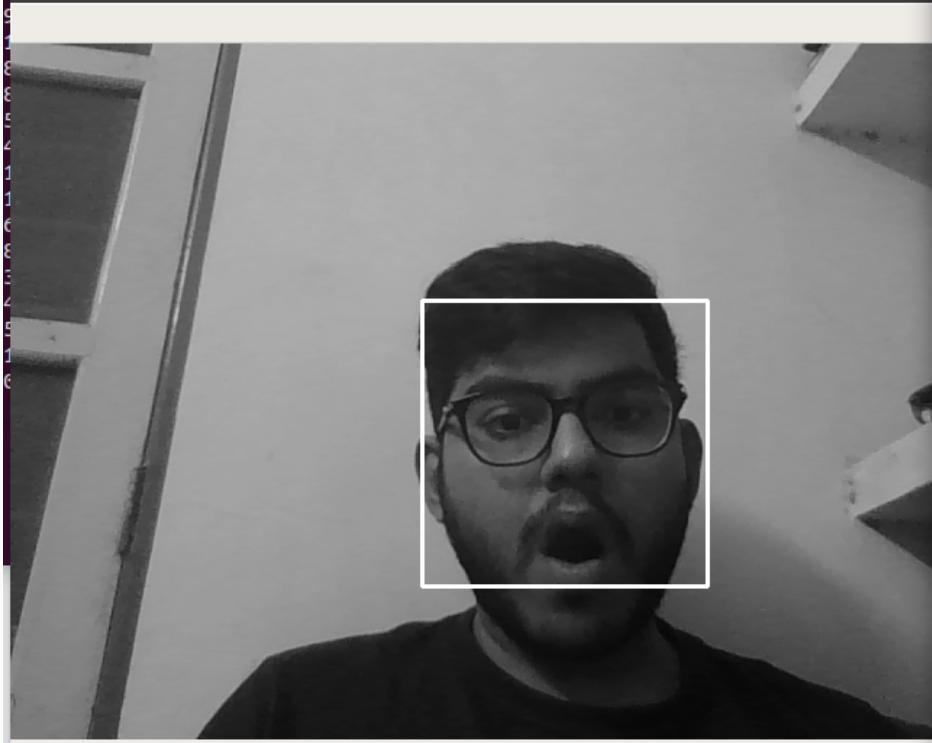


faces



```
83739 140650118250816 predict.py:73] CRITICAL - model inference
```

gray-scale



faces

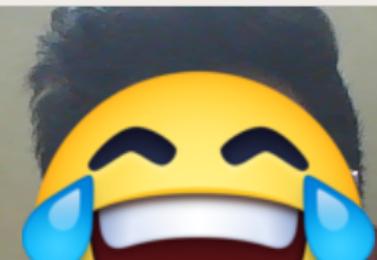
Confidence: 0.980000

(x=443 v=90) ~ R-151 G-171 B-162

gray-scale



faces



Confidence: 0.769999980

Thank you.

Thanks!

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