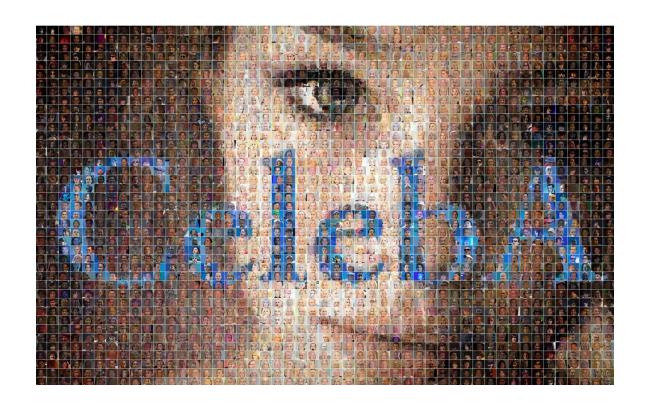
# Facial Attribute Classification

Amanuel Tesfaye & Wasay Qureshi

#### Dataset

- Celeb A Dataset
- 200,000 images of people's faces
- Centered and aligned



## Visualizing the Data

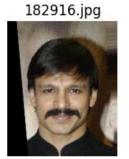
- 202599 images, 40 attributes

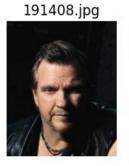
```
202599
```

## Visualizing our Data - Continued

Not Attractive











Attractive









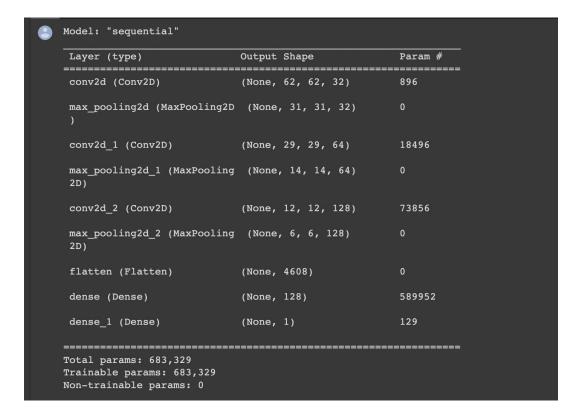


# Preparing Our Data

- Generator Object

#### **Model Performance**

- CNN model architecture

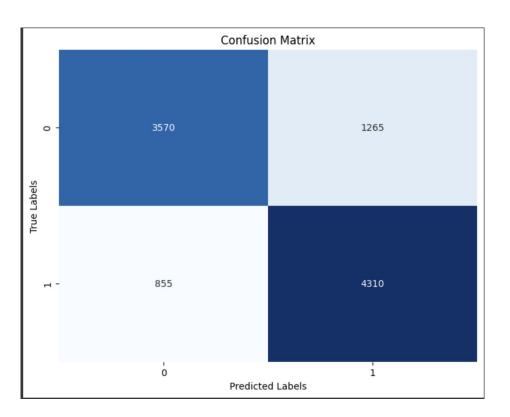


### Accuracy of our model

#### Using Generator object

#### Using Reduced Dataset

## **Evaluation/Results**



#### **Extensions**

- Trying other models good at face recognition (e.g VGG Face)
- Adding other facial attributes (facial hair, makeup, glasses...)