

Title : Gender and Age Detection on UTKFace dataset

Objective : To build a deep neural network model that can recognize Gender and Age detection on UTKFace dataset

Theory :

1. collect and prepare the dataset :

we can use the UTKFace dataset which contains images of face with their corresponding gender & Age labels.

2. split the dataset

split the dataset into training (80%), validation (10%), testing (10%).

3. Define data generators :

Define data generators for training, validation & testing sets using keras.

4. compile the model -

compile the model with appropriate loss & metrics for each output

5. Evaluate the model

Evaluate the model's performance on the testing set using the evaluate model of the object



6. Predict the gender and age :

Load a sample image & preprocess

conclusion :

Hence, we have successfully implemented  
and Age detection.

