Overview:

Age and gender, two of the key facial attributes, play a very foundational role in social interactions, making age and gender estimation from a single face image an important task in intelligent applications, such as access control, human-computer interaction, law enforcement, marketing intelligence, and visual surveillance, etc.

Classification:

Here Gender Model will classify images into Two Categories:

• Male

• Female

Age Model will classify images into Eight Categories:

• (0–2)

• (4–6)

• (8–12)

• (15–20)

• (25–32)

• (38–43)

• (48–53)

• (60–100)

Workflow:

Here we try to predict a person's Gender and Age-based on his/her facial image so that’s why first we will try to find a face from the full image. After finding the ROI ( Region Of Interest ) i.e Face we will cut that face image from the picture and give that face image to our Gender and Age Predictor Models. So everything works in two steps:

(1) Find Faces ( ROI ) from the Picture

(2)Predict Age and Gender from ROI using Gender and Age Predictor

Go to CMD and type (py main.py --image boy.jpg)

