1.

Hello, this is Turcut Stefan, one member of the team and I’m gonna give you a quick run trough(sau mai bn zic a teaser?) for our application, an age estimation app using face images.

2.

Our goal trough this project was to predict the age of a person by just seeing their face via an image.

3.

Why and where do we need age estimation?

Well by using an age estimation program, the sites with age restriction policies can help deduce the age of the user making a safer environment .It can also be used in social media features and in many other (forgotten word).

4.

We currently used a dataset found on Kaggle which has a long list of images with womens faces starting from age 18 to 70 years old.

5.

We also found other datafaces souch as IMDb face and UTKface (which we are going to use to train the model even more?)

6.

Right now we are using the model VGG-16 with this exact structure

7.

But things like this cannot always go perfect.Some of the problems we encountered are that the apparent age versus the biological age can differ a lot. Things like lighting, angles, haircut, make-up can influence the apparent age a lot and is harder to track over all.

8.

Our future plans for solving this problem involves using a facial feature extraction in which we can try extracting facial features using Opencv and feeding that into a neural network instead of using images directly. That way we can levarage…citit tot…..

9.

Or one other way is by labeling apparent to biological age by trying to assembe a dataset labeled for both the apparent and biological age, factoring these extra pieces of information in the training process.

(nu trebuia sa punem si ideea cu un interval de ani in loc de anul fix?)

10.

We will try those plans and watching them closer to see which one proves to be the best method.

Thank you for watching this simple teaser for the age detection app and have a great day!