

RECOGNITION

Face Recognition

Face recognition Model training



29d5d9995431eb85c70e72fe731284c8.png Browse

Upload an image of a face to be recognised

Matlab Python R

Select the algorithm implementation for performing the recognition

Recognition model

pretrained

You can create more models on the Training page

Recognise

Recognised person: madonna

Accuracy: 0.998

MODEL TRAINING

Recognise Train

Available recognition models

pretrained
.DS_Store
Matlab_Model
R_Model
pretrainedX932

Model name

pretrainedX932

A model with the same name already exists!

Batch size

8

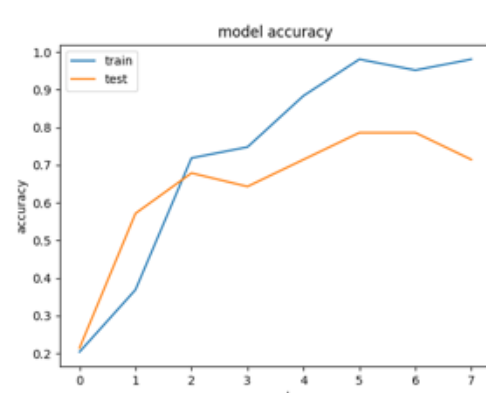
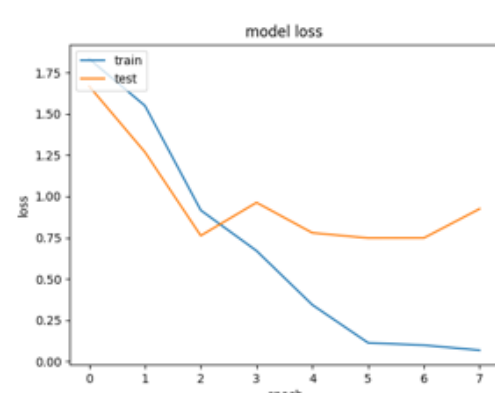
Set batch size

Epochs

8

Set epochs number

Train



THE GOAL AND WHAT IT DOES

Compare the efficiency and differences of training ANN in three programming languages(Python, R, Matlab), and evaluate our model performance on a small data set.

Upload random face of people that saved in the database

By giving necessary parameters, train and save the model manually for further use.

EVALUATION

R and Python both use tensorflow, but Python supports better. Matlab is apparently slower than tensorflow.

Python(10secs) > R(20secs) > Matlab(50secs)