

KAGGLE FACEPOINT RECOGNITION

I have made a simple convolutional neural network model using keras with tensorflow as backend. I have focused mainly on bringing the data into trainable form. However I can do the same with any complicated conv net like ResNets. Data Augmentation would have been a preferred option but this has been kept aside along with other forms of normalizations in this project as I just wanted to test the authenticity of my code. I have done till fitting the dataset with the network.

DIGIT RECOGNITION

I have hard coded most of the part in this project. I am comfortable with tensorflow as a result. This is a simple neural network based on tensorflow. I could have experimented with many other forms of regularizations and activations. In one of the models I have applied pca and then fed this into my neural network.

HOUSE PREDICTION KAGGLE

This being my first project in machine learning, I have done some lengthy Computations and Analysis.

PREDICT FUTURE SALES

In this I have worked on time series dataset.

Most of the above mentioned codes have all been hardcoded by me. Although I have not optimised them, I know all the techniques and the theory behind them and can very well apply if required to do so.