

CV Report 9

Teacher: Prof.Mehul Raval

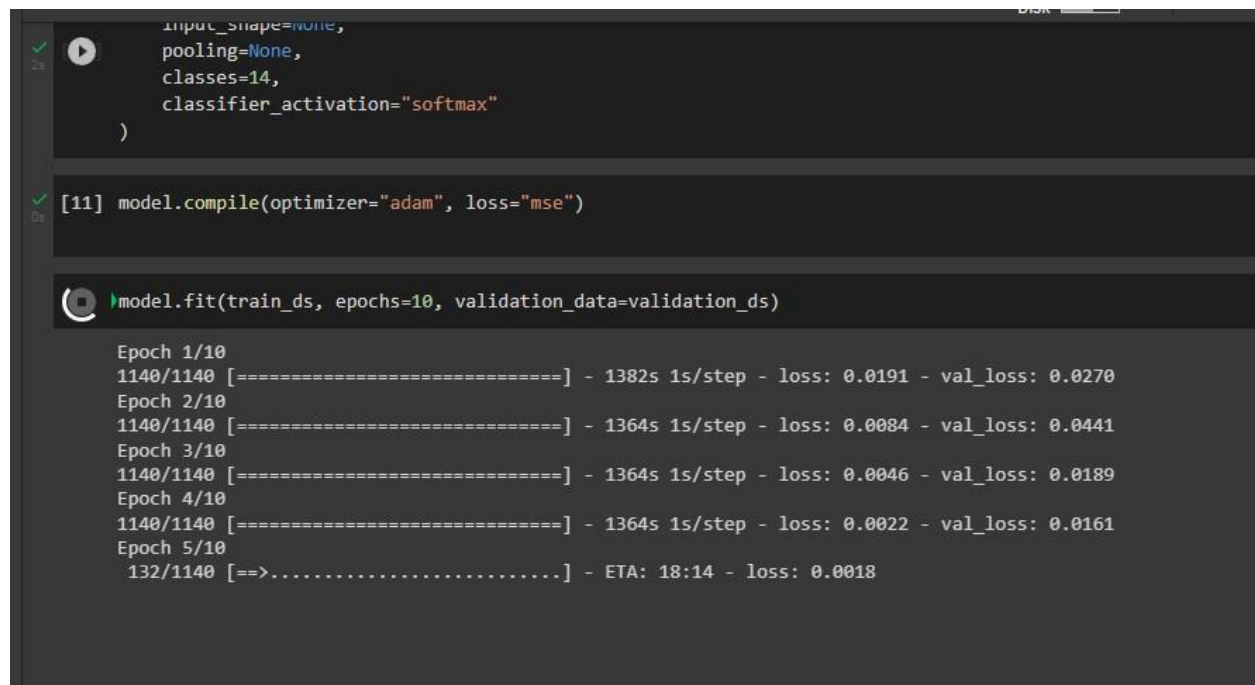
Date: 13/04/2022

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- Team : The Weekenders
 - Members :
 - Aditya Raj(AU1920177)
 - Dhruvanshu Parmar(AU1940166)

Task Performed in this week :

This week we started training the model and observing accuracy with different loss functions.

Outcomes :



```
input_shape=None,
pooling=None,
classes=14,
classifier_activation="softmax"
)

[11] model.compile(optimizer="adam", loss="mse")

model.fit(train_ds, epochs=10, validation_data=validation_ds)

Epoch 1/10
1140/1140 [=====] - 1382s 1s/step - loss: 0.0191 - val_loss: 0.0270
Epoch 2/10
1140/1140 [=====] - 1364s 1s/step - loss: 0.0084 - val_loss: 0.0441
Epoch 3/10
1140/1140 [=====] - 1364s 1s/step - loss: 0.0046 - val_loss: 0.0189
Epoch 4/10
1140/1140 [=====] - 1364s 1s/step - loss: 0.0022 - val_loss: 0.0161
Epoch 5/10
132/1140 [==>.....] - ETA: 18:14 - loss: 0.0018
```

Tasks to be performed next :

Next week we will write a report about our understanding of the prediction and the working of the model from our testing data.