Python & Deep Learning Lab 3

Team Id :5

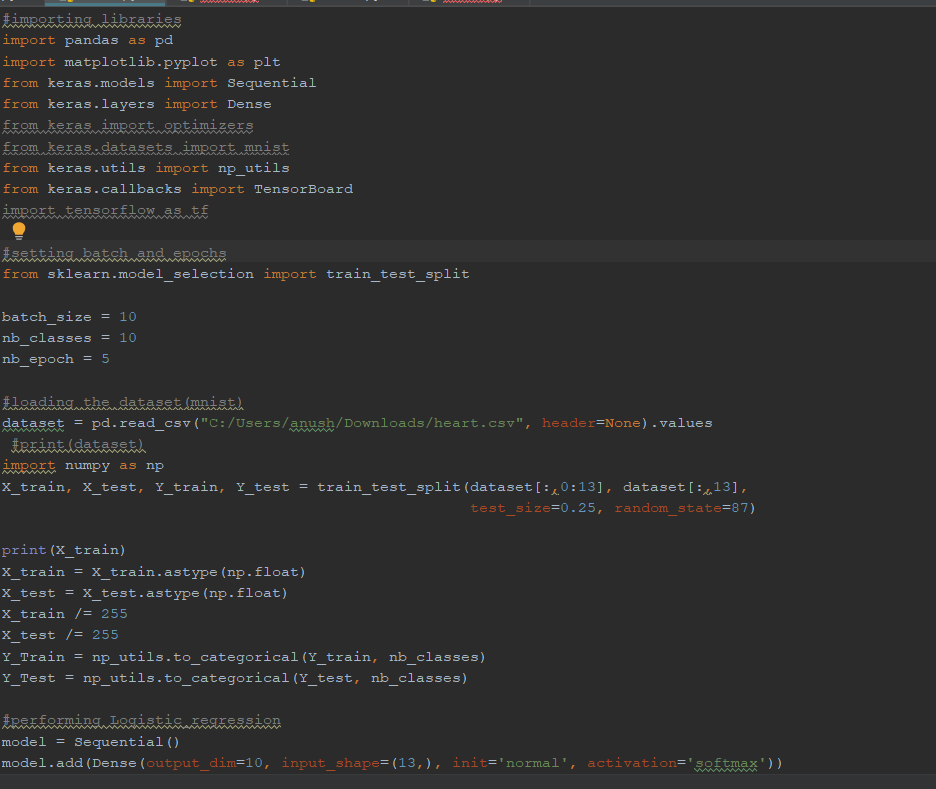
Team Members

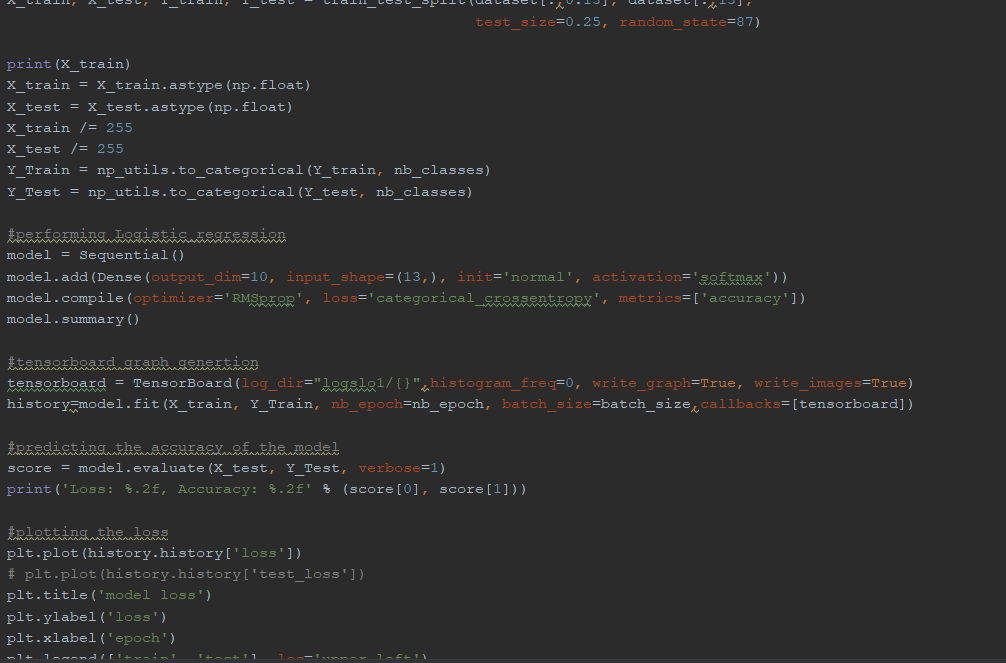
Cholleti Rajeshwari -08

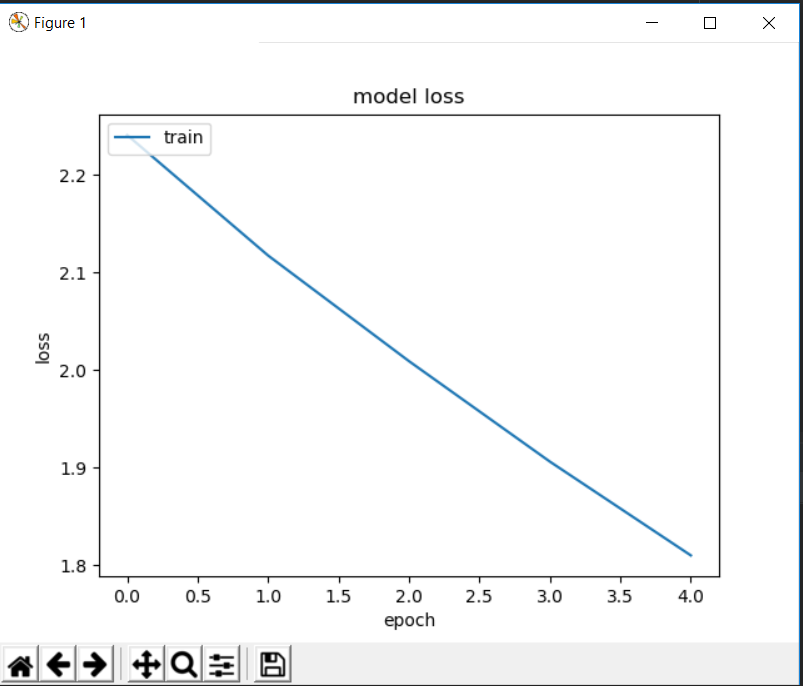
Anusha Palla -24

Jaya Prakash Ravella -28

1.

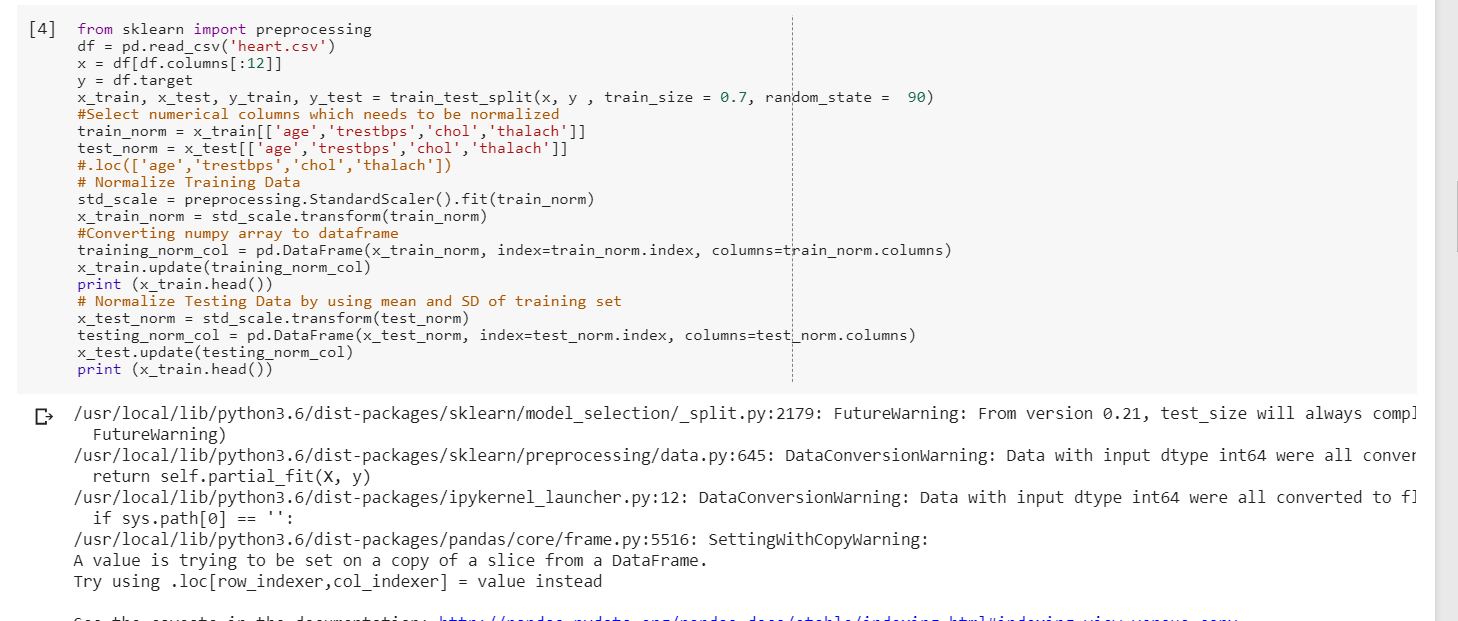




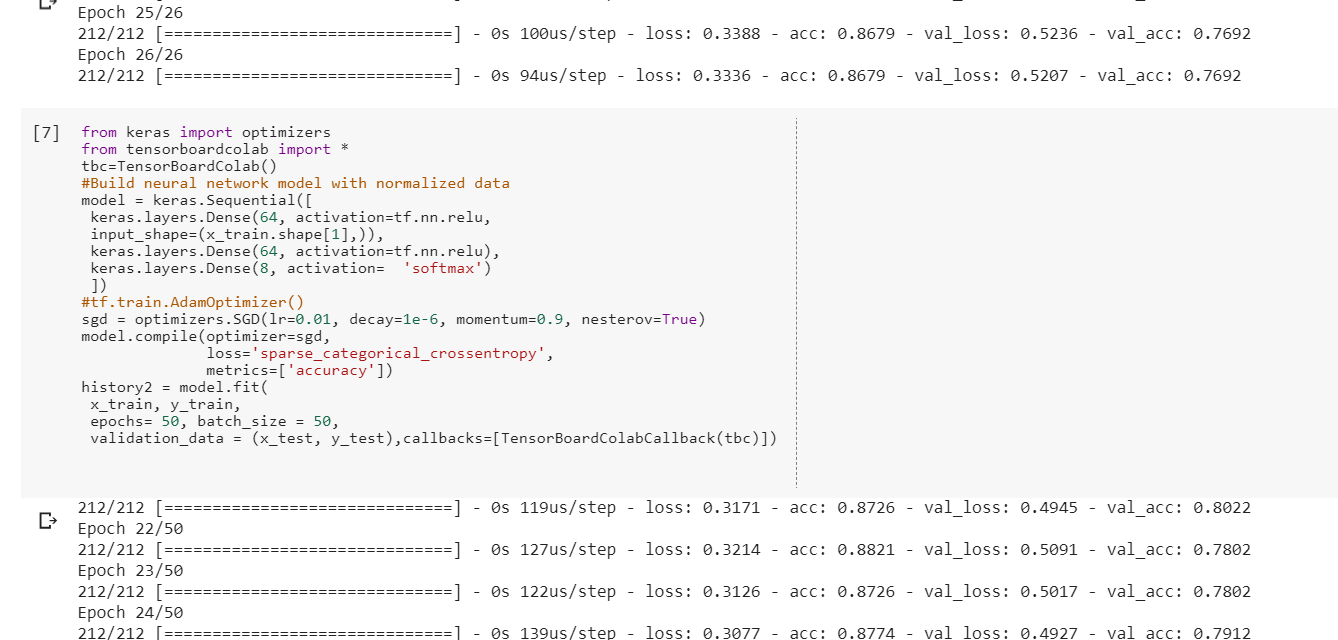


2. Implementing Logistic regression using Heart Disease

We have the done training the heart data

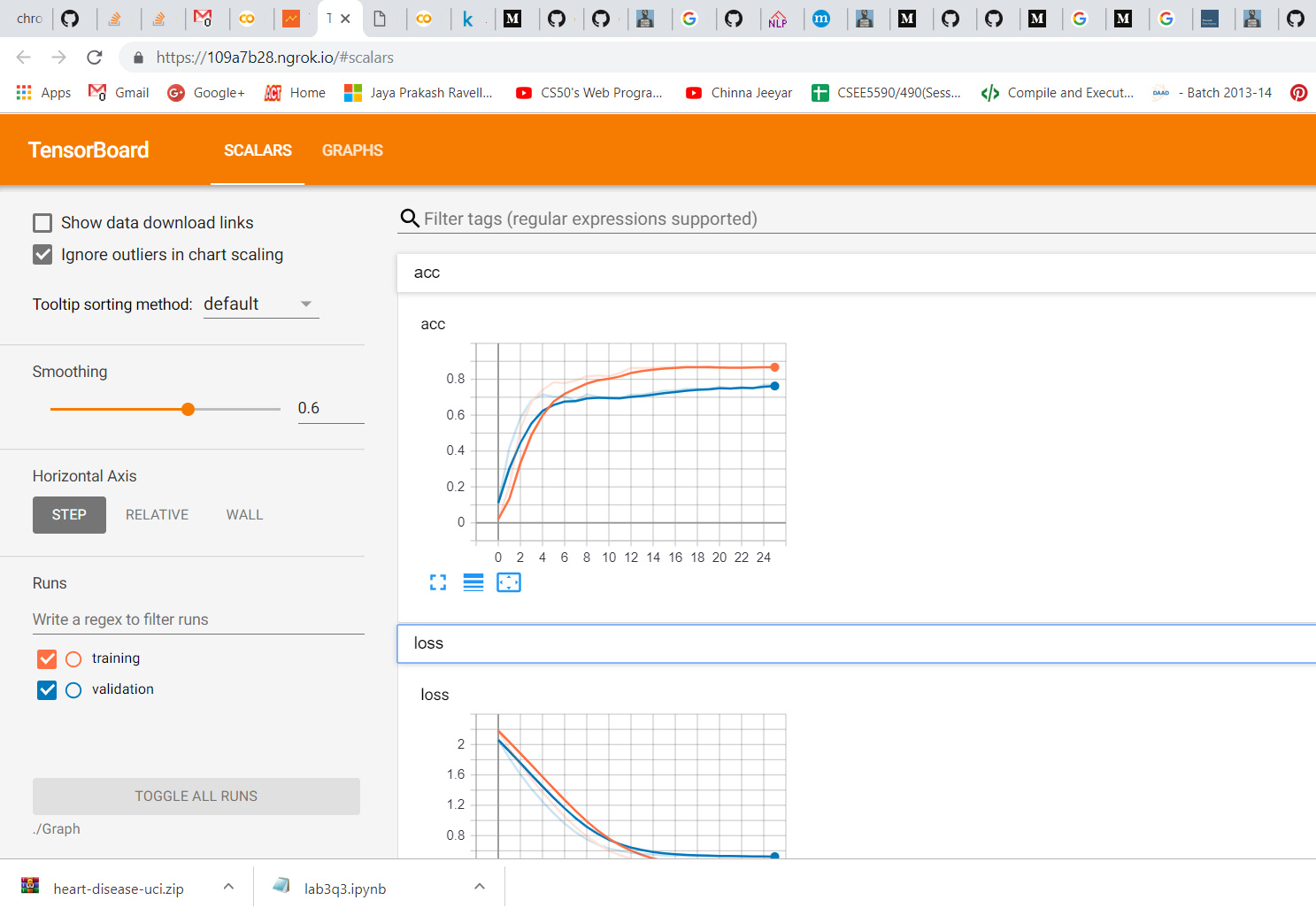


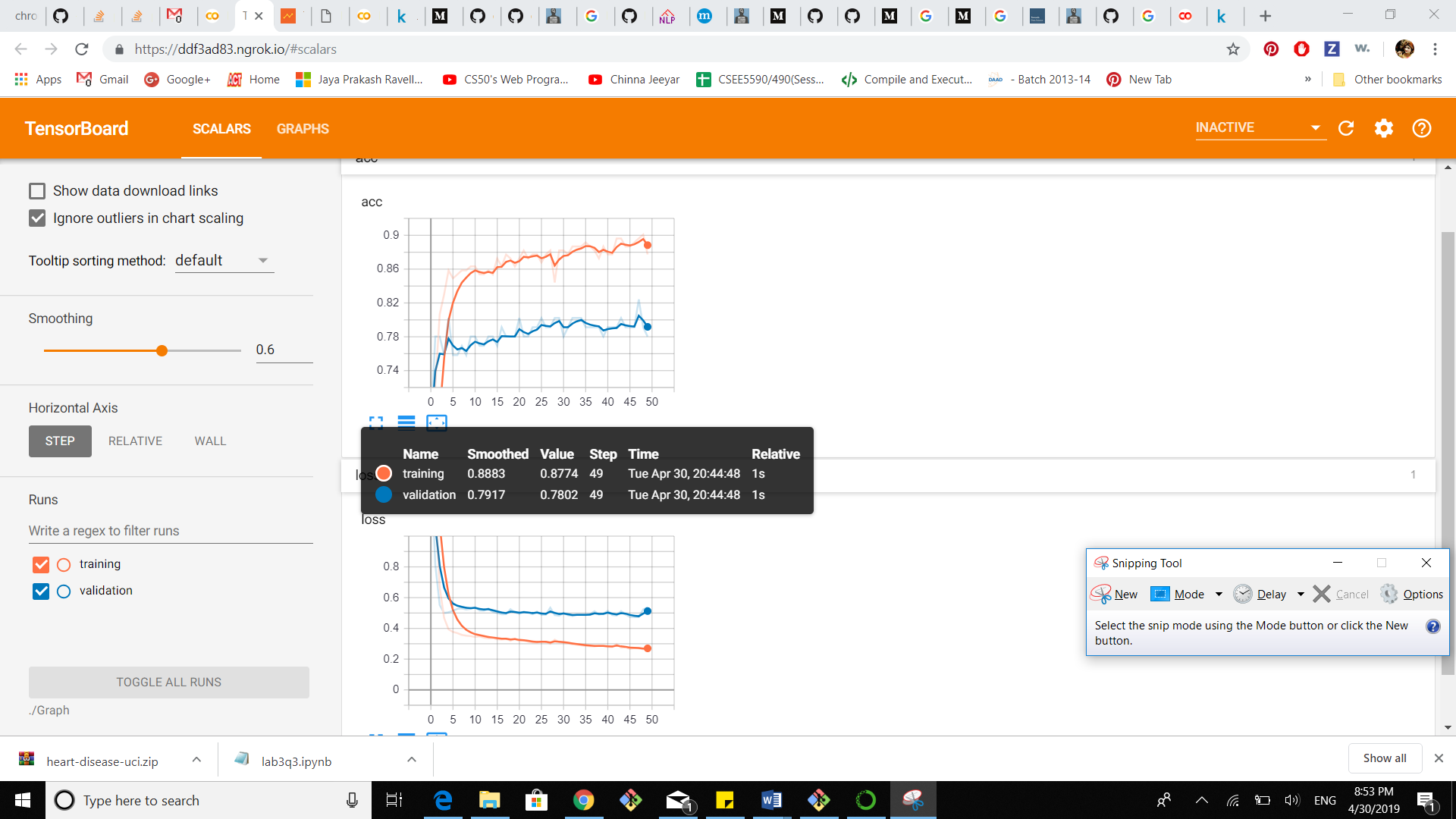




The Tensor board :

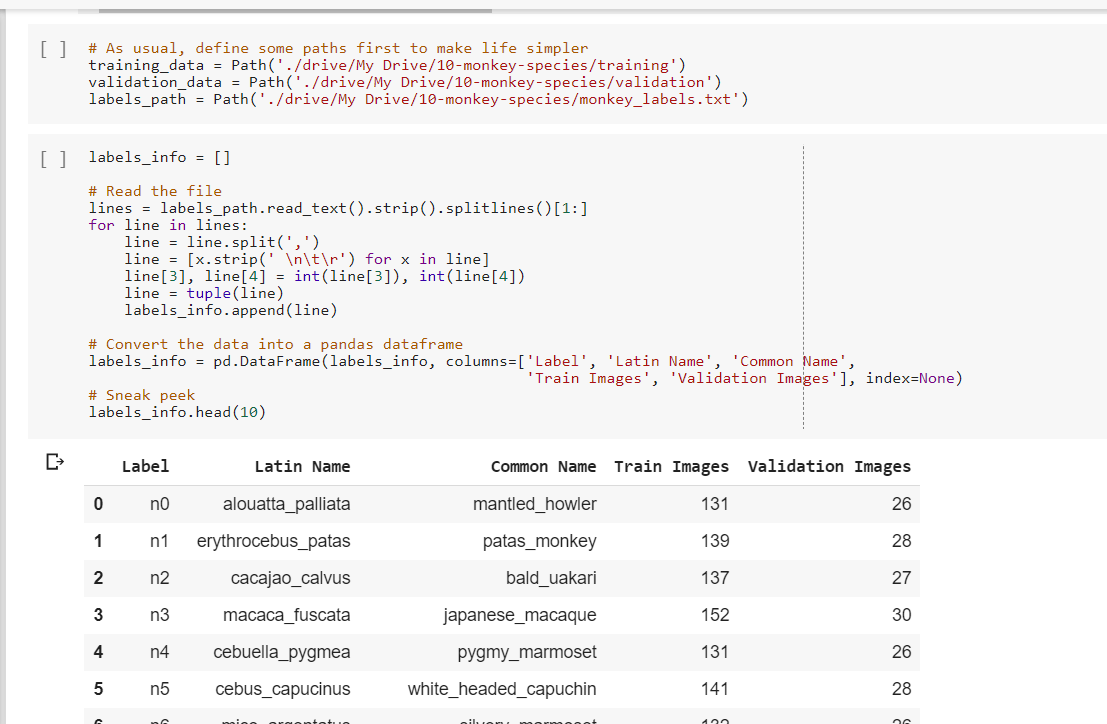
In this we have changed the epoch values and batch size and the accuracy has increased from 85 to 87

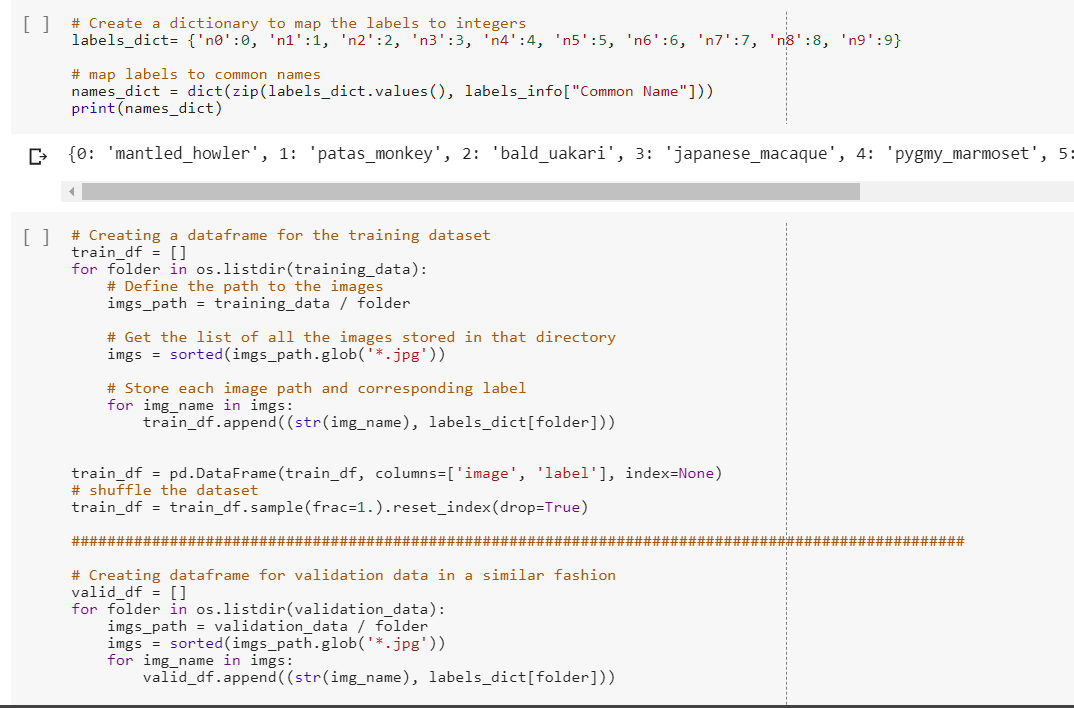




3.







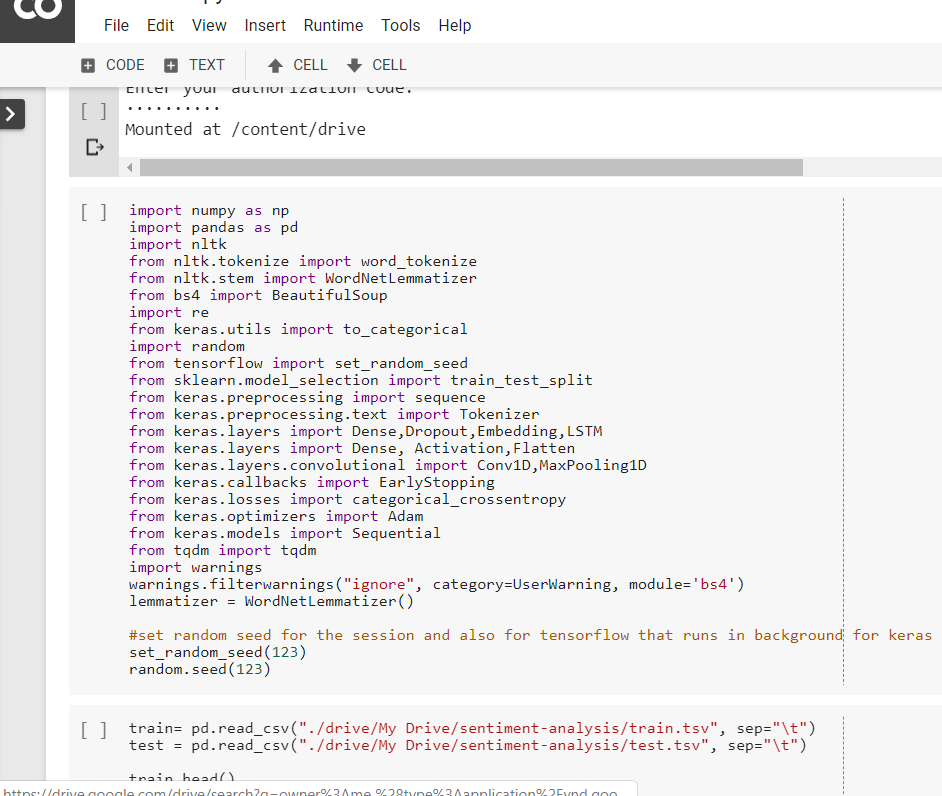


We have got the accuracy of 98.90 & in the training the data

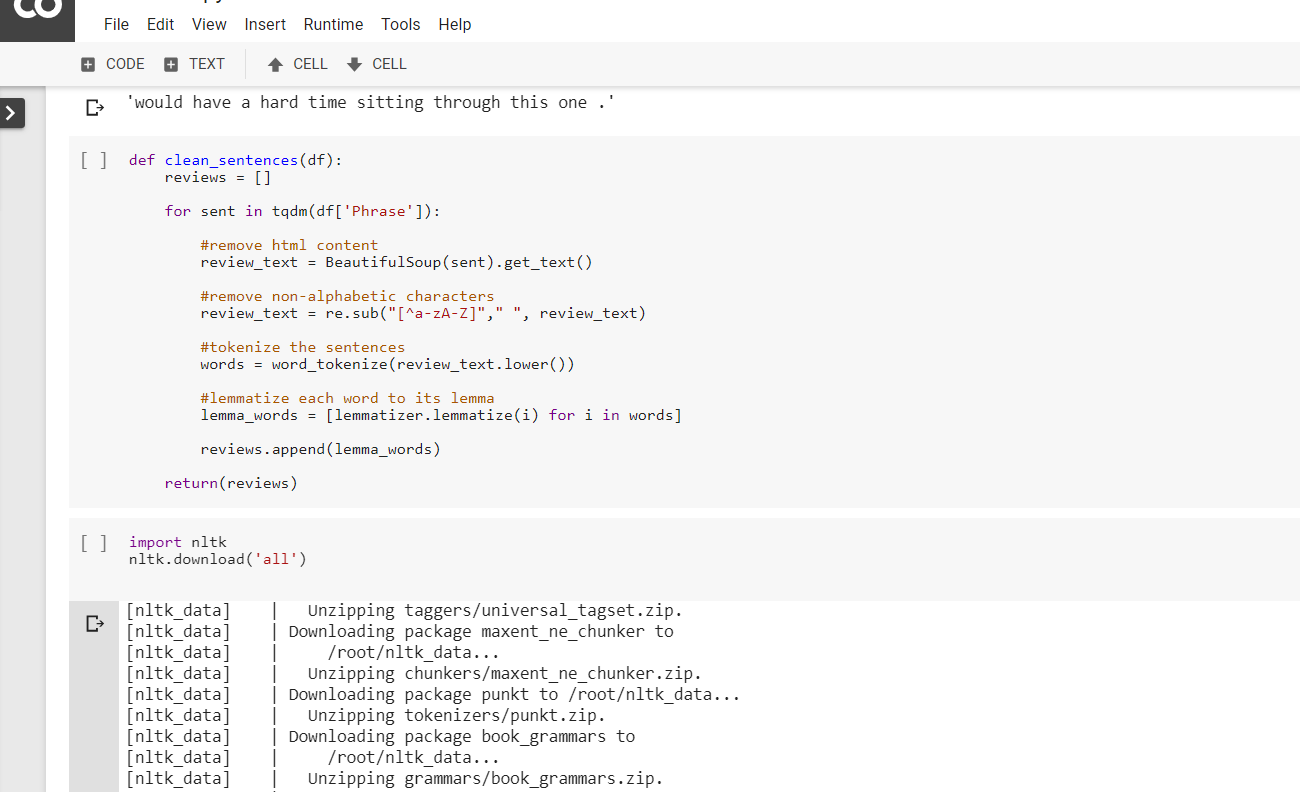
4.

We have applied text claasification of CNN model on movie data set

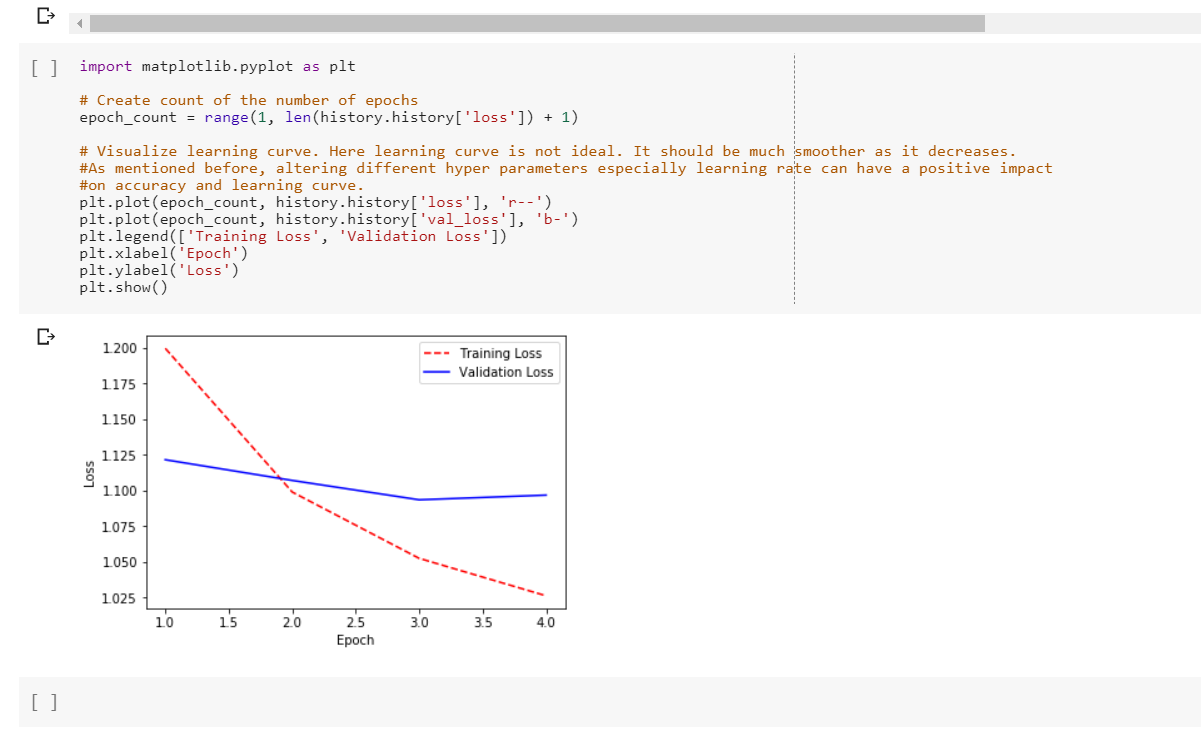
Loading the data set



To clean the sentences



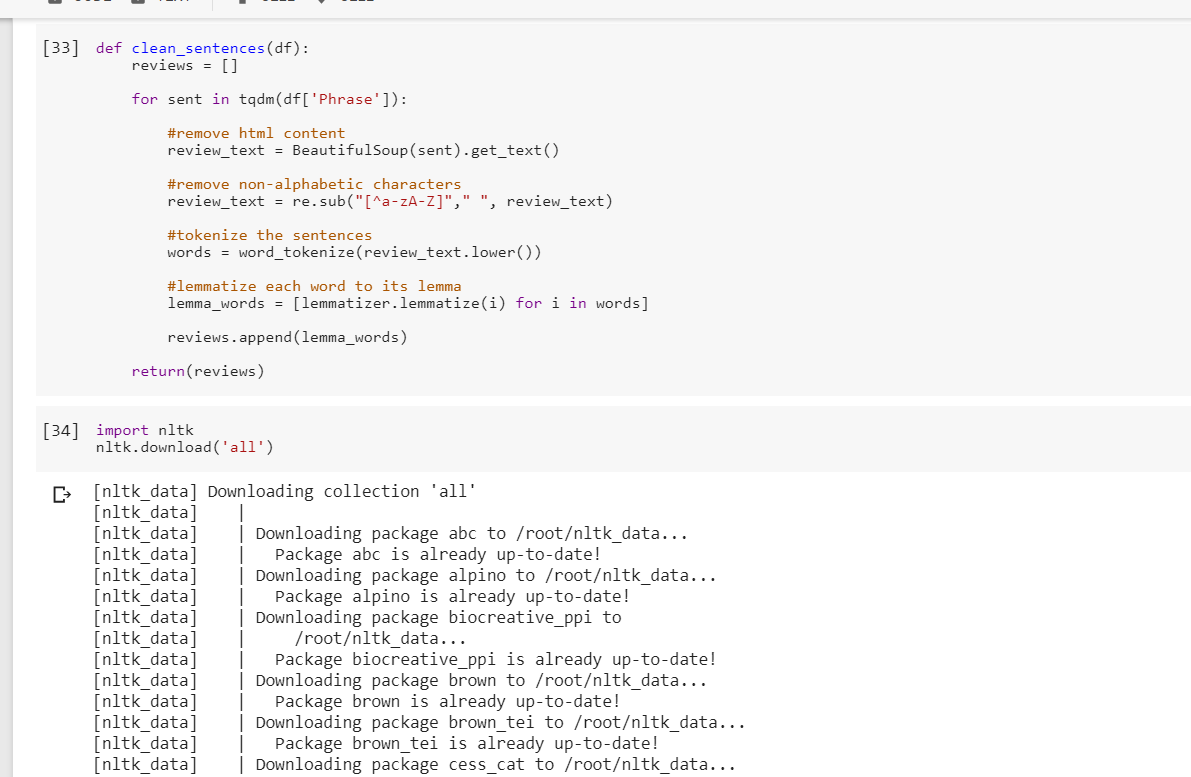




The accuracy of the dataset is 96

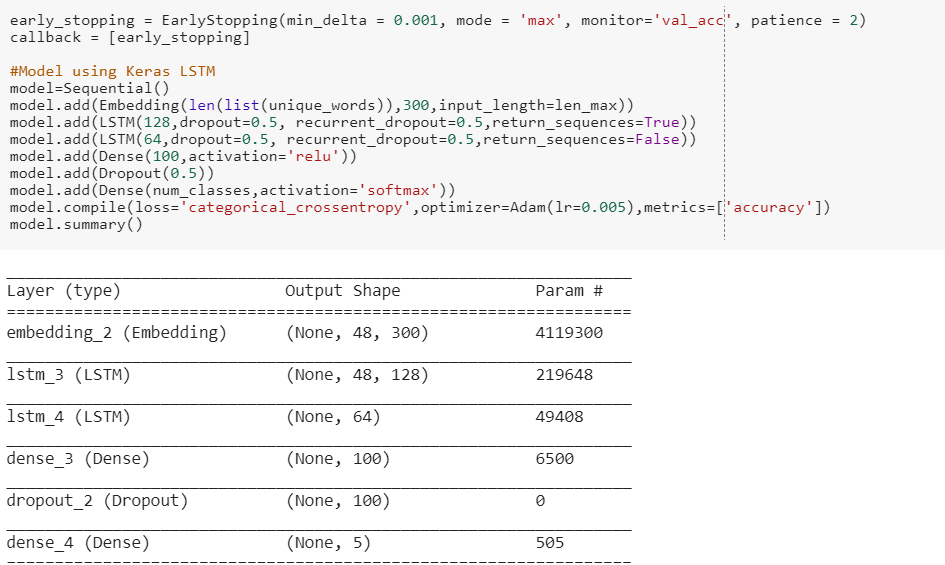
5.

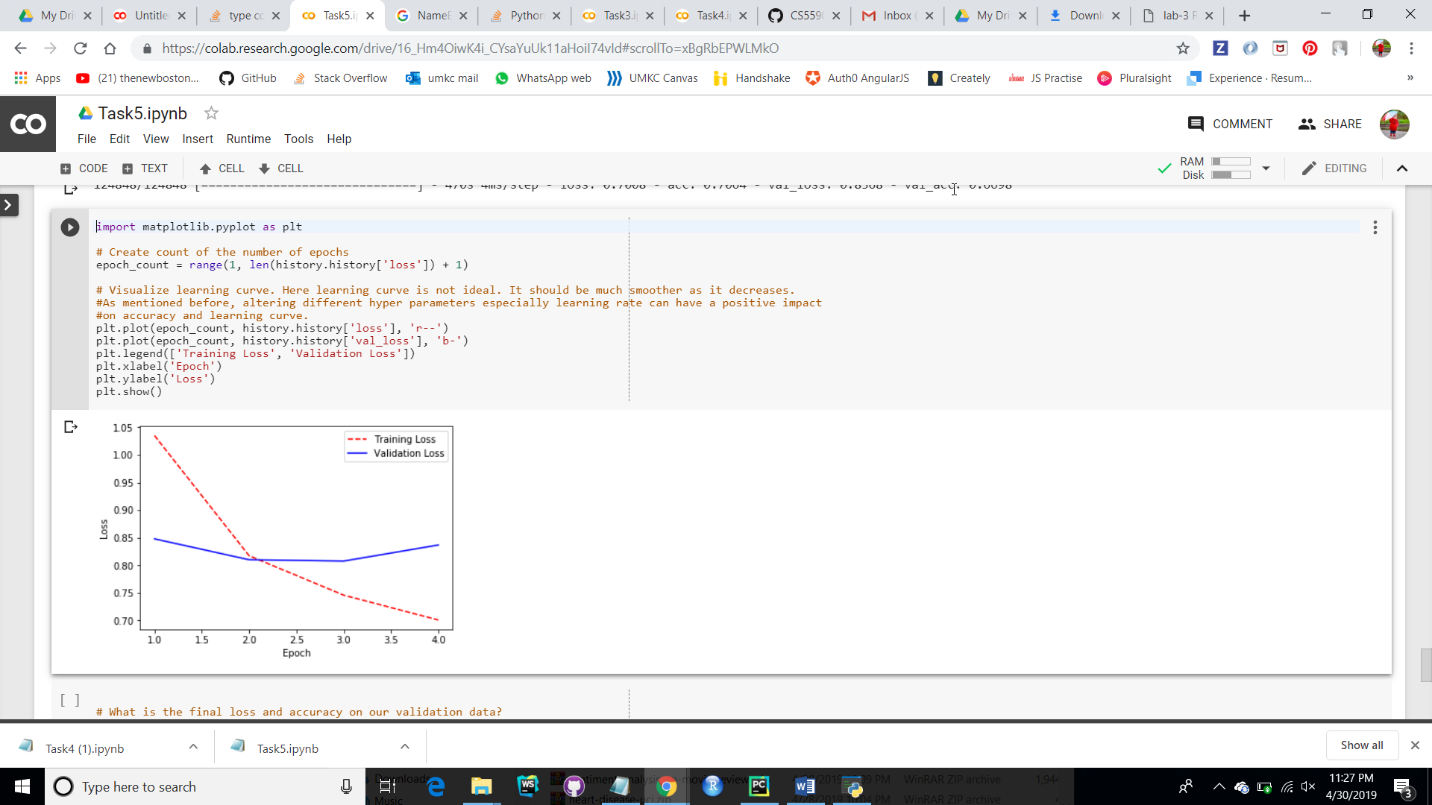












The accuracy of the validation data is 88 percent .

6.

We can see that from the outputs we can easily tell that CNN gives higher accuracy than the LSTM We have done the hyperparameters tuning in the above code .