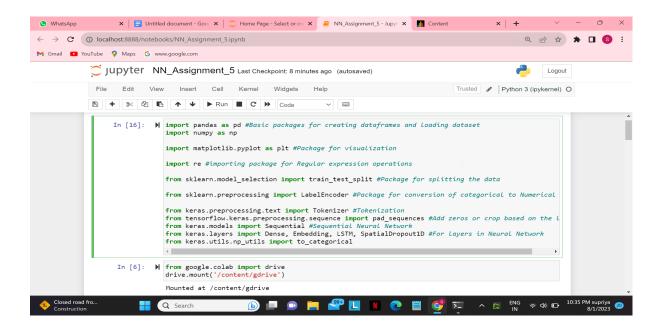
## **NEURAL NETWORK ASSIGNMENT 5**

NAME: SUPRIYA SAMA 700744510

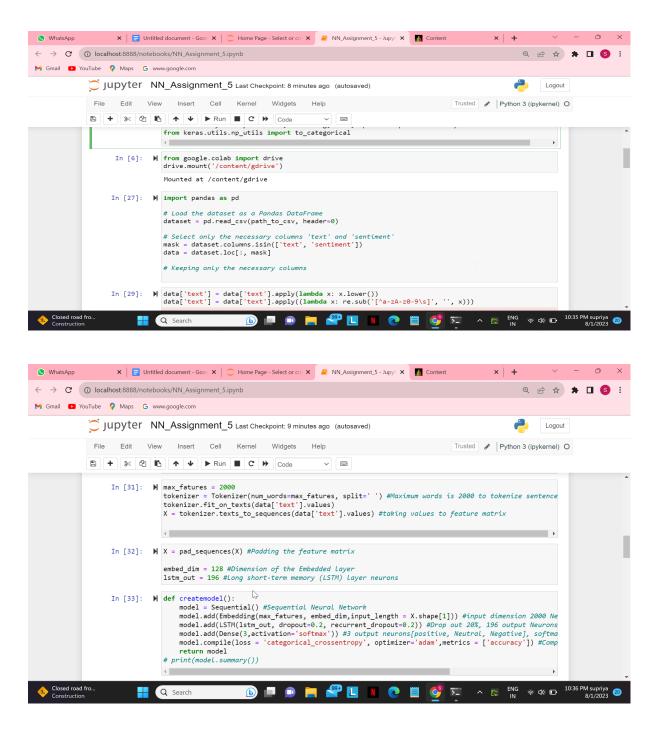
## Video Link:

https://drive.google.com/file/d/1t9Rs4KlZKY4bTdyQJWGV4l-CGt8R1s5c/view?usp=sharing

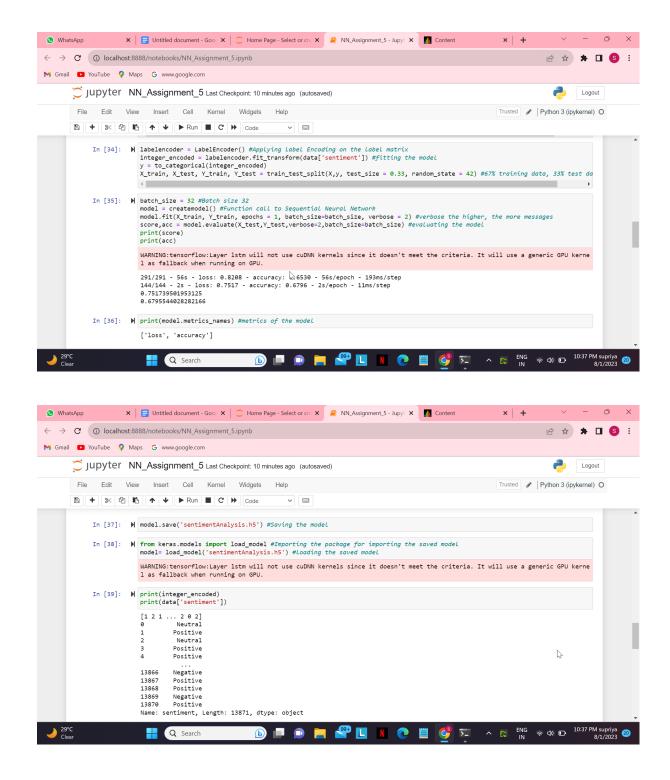
1. I have imported the pandas, numpy, matplotlib and other packages.



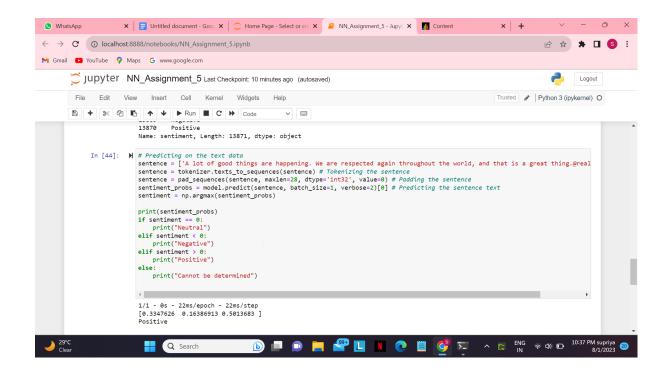
Let's load the dataset as pandas Dataframe.



Now, let's apply label encoding.



Here we can see the output. Now predict the text data.



We can see the output is positive.

Now let's apply GridsearchCV on the code, for this let's import KerasClassifier and GridSearchCV.

Next initiate the model to the test performance by applying multiple hyper parameters and summarise the result.

