

The following are the various parts of the Colab Model Notebook:

1. The dataset is first imported and cleaned using regex too get rid of unwanted stuffs from all the datapoints.
2. Then the data points are tokenized using the spacy library which is a Natural Language Processing Library.
3. Then the data is split in an 80/20 split for training and testing
4. The model is defined and then the training data is fed to the model for 5 epochs.
5. After the training is completed the testing data is used to test the predictions of the model and then relevant graphs are plotted to perform an analysis of the same.
6. Finally the a classification report of the model is prepared and the model as well as the tokenizer are saved to be further used in the webapp deployment.