

## Instructions

1. 3 .ipynb files are given with the submission. They have been run and tested on Google Colab in GPU setting.
2. LIAR\_PLUS\_EDA.ipynb is for understanding the data. In this notebook, I understand the data by plotting some graphs and checking some hypothesis about the data distributions. Also in the end I check coverage of different tokenization methods for further data manipulations and LSTM networks usage. Upload it to Google Colab and run it cell by cell.
3. LIAR\_PLUS\_BINARY\_ACC.ipynb contains binary classification. Upload it to Google Colab and run it cell by cell. Weights will be saved accordingly.
4. LIAR\_PLUS\_MULTI\_FINAL.ipynb contains Six Way classification. Upload it to Google Colab and run it cell by cell. Weights will be saved accordingly.

P.S. - In every .ipynb file above, there is a snippet of code that helps in using the Kaggle API. Please use your own username and key for usage. Due to less time (due to college and internship) some snippets of code regarding eda were taken from Kaggle and the sources have been mentioned in the System\_Explinations.pdf file.