File Descriptions -

1. **BERT\_Model.ipynb** - Training of BERT model
2. **BERT\_Deployment\_Complete.ipynb** - Training BERT model on entire training data, no train test split done here.
3. **CNN\_word2vec.ipynb** - CNN training
4. **merged\_data\_training\_domain+pretrained\_embeddings.ipynb** - Training new embeddings on domain +pretrained vocabulary, basically a transfer learning approach
5. **merged\_data\_transfer\_learning.ipynb** - Using these newly trained embeddings
6. **XGBoost\_deployement.ipynb -** Training on the whole dataset, no train\_test split here, a whole new model on the whole dataset
7. **real\_world\_testing.ipynb -** To test our model on real-world datasets scarped from twitter based on tweepy, by username or hashtag
8. **live\_scraping.ipynb -** The tweepy scripts to scrape these real-world datasets
9. **Model\_NAACL+NLP\_CSS.ipynb -** Model on NAACL + NLP\_CSS
10. **Data Preprocessing\_and\_Analysis\_Crowdflower.ipynb -** Model on crowdflower
11. **Data Preprocessing and Analysis Twitter\_Scarped.ipynb -** Data Analysis on NAACL + NLP\_CSS