**Toxic Comment Classification**

There are 5 python notebooks:

1. Kaggle Best Kernel notebook that runs and summarizes the best of what has been done in the kernels with summary and how we will be extending it further.
2. A Convolutional Neural Network (CNN) with character embedding (CNNwithCharEmbedding.ipynb)
3. A Recurrent Neural Network (RNN) with Long-Short Term Memory and word embedding (LSTMwithWordEmbedding.ipynb)
4. A Convolutional Neural Network (CNN) with word embedding (CNNwithWordEmbedding.ipynb)
5. A Convolutional Neural Network (CNN) with word embedding with Twitter Analysis (Best model accuracy) (CNNwithWordEmbedding\_withTwitterAnalysis.ipynb)

We have a blog on medium: <https://medium.com/@nehabhangale/toxic-comment-classification-models-comparison-and-selection-6c02add9d39f>

Github link: <https://github.com/NehaB1401/ToxicCommentAnalysis>