**Natural Language Processing Project Ideas**

1. **Sentiment Analysis** :The process of computationally identifying and categorizing opinions expressed in a piece of text, especially in order to determine whether the writer's attitude towards a particular topic, product, etc. is positive, negative, or neutral.We will be using **Sentiment140 dataset with 1.6 million tweets** which is available in kaggle.Would also like to try out sentiment analysis with other datasets like movie dataset if time permits
2. **Text Summarization** :The objective of this project is to build a model that can create relevant summaries for reviews written about fine foods sold on Amazon. This dataset contains above 500,000 reviews, and is hosted on [Kaggle.](https://www.kaggle.com/snap/amazon-fine-food-reviews" \t "https://www.kaggleusercontent.com/kf/1146082/eyJhbGciOiJkaXIiLCJlbmMiOiJBMTI4Q0JDLUhTMjU2In0..HJd9J1tS4XIZP_GRBpV_PQ.kfuByaJeu-V-P7A-iDDvWfM0gngkCp3Q7wChVmnVkgSiCLPiI-o40cFiJZSyg0r3RX-bwW9rr1H2moZQvkK7sfyAauZEEQhF0quIC9ga8IgohJZN9H-NMcm08mm6f2EUmxAtfXRlCnDBYFKf3RHOuct_F0kNdULASvGpE5qhghE.Su96RneN4oFsD5nkeuQf1g/_top)
3. **Topic Modelling**: The process in which we try uncover abstract themes or "topics" based on the underlying documents and words in a corpus of text. Would be working in spooky author identification dataset on Kaggle