Progress as of 9/28

- Neural Networks > Recurrent Neural Networks > Encoder-Decoder > Attention > Transformer > BERT

- Looked into how BERT works at a high level

- Gathered a few multiclass dataset

- Found a few reference notebooks where transformer models are used for sentiment classification

Progress as of 10/5

- Looked at simple transformer and tried to implement it with multiclass dataset

Progress as of 10/12

- Implemented pre-trained BERT and RoBERTa with three multiclass datasets
- Looked at LIME

To-do List

- Deeper understanding of BERT and the Maths
- ALBERT, ROBERTA
- How Lime and Captum works

End goal

- Create a pipeline
- See if Lime and Captum are outputting the same interpretability for each model