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

To-do List

- Deeper understanding of BERT and the Maths
- ALBERT, ROBERTA
- How Lime and Captum works
- Start/Experiment with the code (huggingface github repo)

End goal

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