BERT Sentiment Analysis to Detect Twitter Sarcasm

1. Project Team Member
    *   Name: Zainal Hakim
    *   NetID: zainalh2

2. Project Topic

The project topic falls under the ***Text Classification Competition*** option.

The main goals of this project:
    1. To explore sentiment analysis using a state-of-the-art method
    2. To beat the baseline score using the given training and sample datasets

3. Sentiment Classifier using BERT

Bidirectional Encoder Representations from Transformers (BERT) is a state-of-the-art pre-training Natural Language Processing (NLP) model developed by Google. In this project, sentiment analysis uses BERT to detect sarcasm in Twitter tweets.

4. Programming Language

The project uses ***Python 3.8*** programming language to implement software code.