

# BERT Sentiment Analysis to Detect Twitter Sarcasm

## 1. Project Team Member

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## 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.

## 5. Previous Experience with BERT

I have ***no previous experience*** with BERT nor with Deep Learning.

I have a little experience with the Python programming language and the Pandas library.