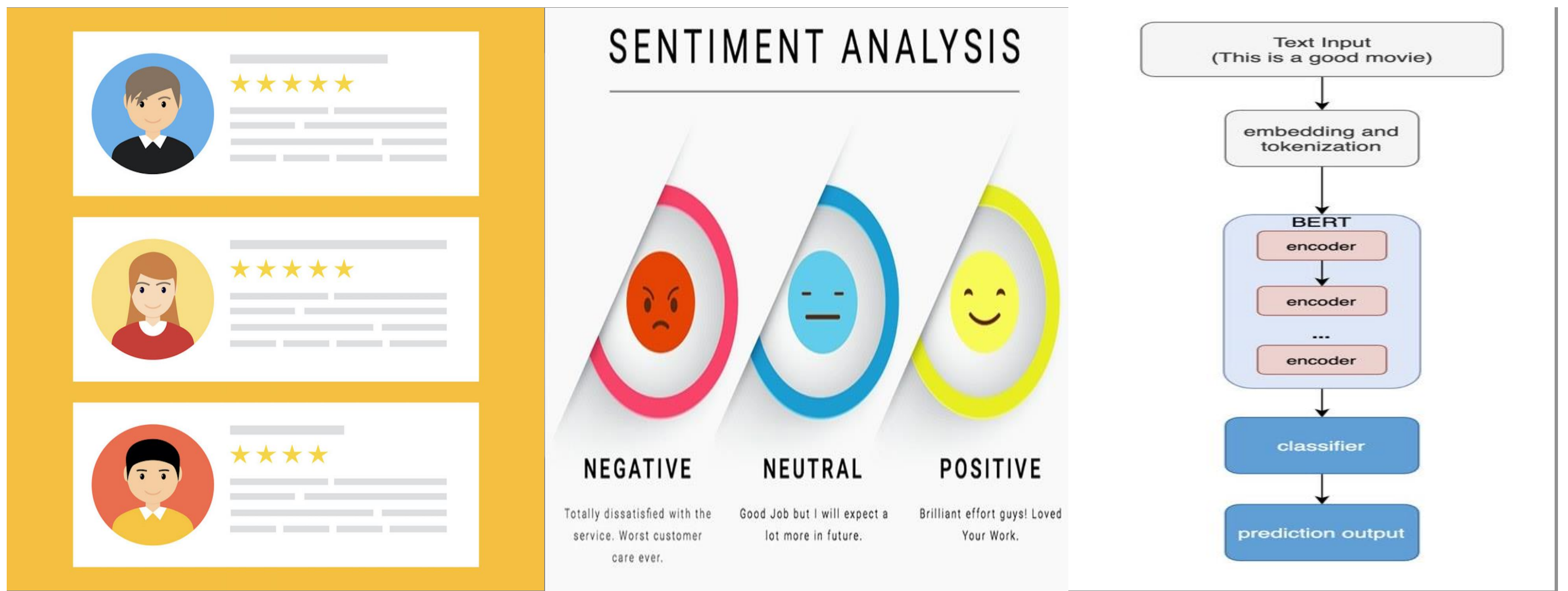


Sentiment Detection

with Bidirectional Encoder Representation from Transformers

Student: Pyae Hlian Moe

Supervisor: Prof Rajapakse Jagath Chandana



Project Objectives:

The project aim is to experiment with different text processing and deep learning approaches to build the routine tasks, thereby allowing to develop a deep learning technique and create a model to predict the sentiment from the text.

Additionally, mobile application will be available to allow users to utilize the trained deep learning model.

List of techniques used in training:

1. BERT
2. Slanted Triangular Learning
3. Discriminative fine-tuning
4. Gradual Unfreezing

Mobile Application

Sentiment Detector

Text

i like this movie

Get Prediction Result

Category	positive
Confidence	99.57