

# Supply Chain Risk Related Classification Challenge

## Series - (01/03): NLP-based Threat Detection –

### DEPLOYMENT NOTES

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1. Tokenisation.py needs to be imported.

```
pip install sentencepiece
```

```
pip install tokenizer
```

2. Configuration parameter need to be set:

```
input_training_master_filepath = 'master_train.csv'
```

```
input_training_node_filepath = 'node_train.csv'
```

```
input_test_master_filepath = 'master_test.csv'
```

```
input_test_node_filepath = 'node_test.csv'
```

```
Output_file_path = 'result_submission.csv'
```

```
bert_module_url = 'https://tfhub.dev/tensorflow/bert_en_uncased_L-12_H-768_A-12/2' # default path
```

‘Alert ID’ column contains binary output- 0 or 1

‘Threat Level’ column contains confidence score

3. Pre-requisite: Update Alert ID field in **(training data)**

A binary value 0 or 1 needs to be populated in ‘Alert ID’ to indicate classification