

Submission Report

Team Background

1. Team Name:

Deep Learners

2. Team members Information:

I. Rahul Jha

→ Computer Engineering Student (Sophomore)

→ Pulchowk Campus

→ Email: jharahul968@gmail.com

II. Sumit Yadav

→ Computer Engineering Student (Sophomore)

→ Pulchowk Campus

→ Email: rockerritesh4@gmail.com

3. Private Leaderboard Place:

2

4. Private Leaderboard Score:

0.5439192994777665

Summary

Training Methods:

For text vectorization ⇒ TFIDVectorizer

For training method ⇒ Support Vector Classification

Tools:

We used various tools for our model. They are as follows:

- Re
→ (for text preprocessing)
- Numpy
→ (for mathematical operations on matrices, arrays, etc.)
- Pandas
→ (for dataframe analysis)

- Spacy
→ (for text preprocessing)
- Sklearn
→ (for TFIDVectorizer, LabelEncoder, Cross validation score, LinearSVC, F1Score, Metrics, etc.)
- Matplotlib
→ (for visualization)
- NLTK
→ (for text preprocessing)
- Pickle
→ (for storing data)
- Seaborn
→ (for visualization)

Training Time:

30 minutes

System Specification:

CPU:

Model name: Intel(R) Xeon(R) CPU @ 2.00GHz

Core(s) per socket: 1

Thread(s) per core: 2

L3 cache: 39424K

CPU MHz: 2000.178

Memory available: 13G

Hard Disk available: 30G

[Note: We used Google Colab for this work.]