



Tools

- You are free to use any tool and machine you have rightful access to.
- You can use any programming language or statistical software.

Team formation

- Click here (https://docs.google.com/document/d/1nOT8zfI7FMkhwuEiJR_4U5xhX05swotTL8YGOiETIBo/edit) to view process flow for Team Creation
- Maximum of 2 people can form a team.
- In case a team wins, prize would be distributed equally among team members.
- Team once created can't be dissolved.
- Teams can't be merged.

Registration Fee

Free

Problem Statement

Sentiment analysis remains one of the key problems that has seen extensive application of natural language processing. This time around, given the tweets from customers about various tech firms who manufacture and sell mobiles, computers, laptops, etc, the task is to identify if the tweets have a negative sentiment towards such companies or products.

Evaluation Metric

The metric used for evaluating the performance of classification model would be weighted F1-Score.

Public and Private Split

Note that the test data is further randomly divided into Public (35%) and Private (65%) data. Your initial responses will be checked and scored on the Public data.

The final rankings would be based on your private score which will be published once the competition is over.

Hackathon Rules

1. Entries submitted after the contest is closed will not be considered.
2. Use of external dataset is strictly prohibited (pretrained models and word embeddings are allowed)
3. Use of ID variable in any form for making predictions is not allowed
4. Participation is free-of-charge.

Solution Checker

1. You are free to use solution checker as many times as you want.
2. Adding comments is mandatory for the use of solution checker. Comments will help you to refer to a solution at a later point in time.

Final Submission

1. Setting final submission is mandatory. Without a final submission, your entry will not be considered.
2. Code file is mandatory while sending final submission. For GUI based tools, please upload a zip file of snapshots of steps taken by you, else upload code file.
3. The code file uploaded should be pertaining to your final submission.

Rules of Conduct

1. Throughout the hackathon, you are expected to respect fellow hackers and act with high integrity.
2. Slack Live Chat admins hold the right to block any participant found to use foul / disrespectful language.
3. Analytics Vidhya and IIT BHU hold the right to disqualify any participant at any stage of competition, if participant(s) are deemed to be acting fraudulently.

How to make a Submission?



How to make a submission



How to set a Final Submission on DataHack?

How to set a Final Submission on DataHack?



Feedback

Data

train.csv - For training the models, we provide a labelled dataset of 7920 tweets. The dataset is provided in the form of a csv file with each line storing a tweet id, its label and the tweet.

test.csv - The test data file contains only tweet ids and the tweet text with each tweet in a new line.

sample_submission.csv - The exact format for a valid submission

Most profane and vulgar terms in the tweets have been replaced with "\$&@*#". However, please note that the dataset still might contain text that may be considered profane, vulgar, or offensive.

📄 [Test File \(/contest/linguipedia-codefest-natural-language-processing/download/test-file\)](/contest/linguipedia-codefest-natural-language-processing/download/test-file)

📄 [Train File \(/contest/linguipedia-codefest-natural-language-processing/download/train-file\)](/contest/linguipedia-codefest-natural-language-processing/download/train-file)

📄 [Sample Submissions \(/contest/linguipedia-codefest-natural-language-processing/download/sample-submission\)](/contest/linguipedia-codefest-natural-language-processing/download/sample-submission)


Solution Checker



Code File	<input type="button" value="Browse..."/> No file selected.
Solution File* (.csv only)	<input type="button" value="Browse..."/> No file selected.
Solution Description (max : 180 chars)*	<input type="text" value="Solution Description (for your interest)"/>
Do you want to show your code on leaderboard?*	Yes <input type="radio"/> No <input type="radio"/>
<input type="button" value="Add Solution"/>	

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CODEFEST-NATURAL-
LANGUAGE-PROCESSING
/TEXT=HEY! I AM
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