



brainhack

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QUALIFIER INFO - SUPPLEMENT PACK 1

10 June 2020



SCORING AND LEADERBOARD - NLP

1. The NLP dataset is only officially published on **10 Jun 2020 (Wed), 1500h**

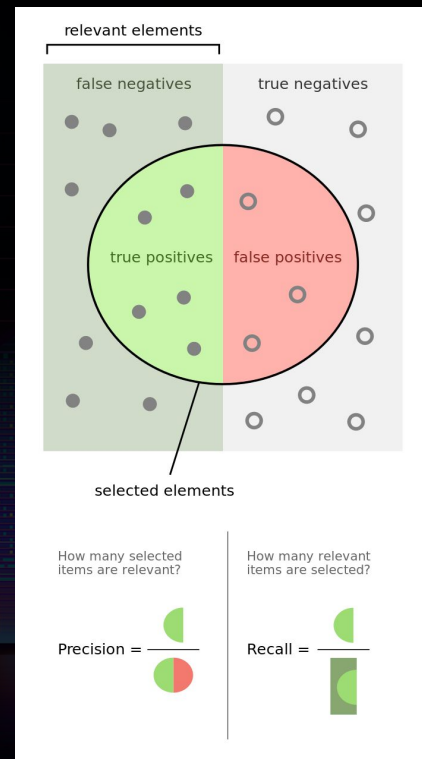
All submissions prior to this time will not be considered.

2. NLP will now be evaluated using **mean column F-score which is the average of the individual F-score of each predicted column.**

The F-score (**F₁ score**) is the harmonic mean of precision and recall:

$$F_1 = \frac{2}{\text{recall}^{-1} + \text{precision}^{-1}} = 2 \cdot \frac{\text{precision} \cdot \text{recall}}{\text{precision} + \text{recall}}$$

(Source: https://en.wikipedia.org/wiki/F1_score)



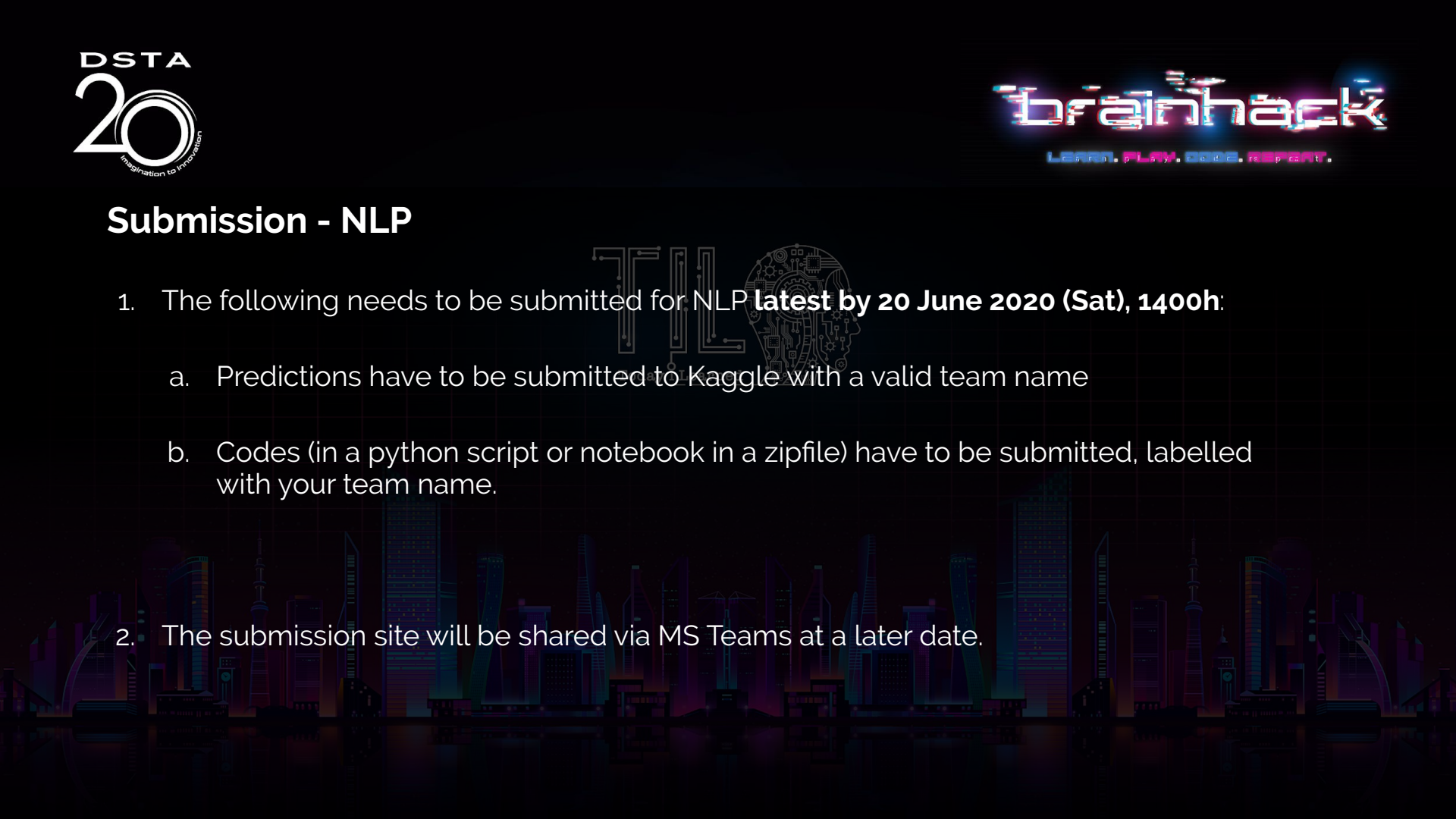
Dataset & Required Predictions - NLP

1. The dataset is a collection of sentences containing fashion articles. Words have been masked to prevent manual labelling. Your task is to train a model and classify the clothing articles to the correct classes. You will be provided a training set, a test set and a modified GloVe matrix for your use.
2. For each id in the test set, you must predict a binary 0 or 1 for each of the five possible types of clothing articles (outerwear, top, trousers, women dresses, women skirts). The columns must be in the same order as shown below. The file should contain a header with the following format:

Id, outerwear, top, trousers, women dresses, women skirts
 0,1,0,1,0,1
 1,0,1,0,0,0
 ...

id	outerwear	top	trousers	women dresses	women skirts
0	1	0	1	0	1
1	0	1	0	0	0
2	0	1	0	0	0
3	1	0	0	1	0
4	0	1	0	0	0
5	0	0	0	1	0
6	0	0	0	0	1
7	0	0	0	1	0
8	0	1	0	0	0

Submission - NLP

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1. The following needs to be submitted for NLP **latest by 20 June 2020 (Sat), 1400h**:
 - a. Predictions have to be submitted to Kaggle with a valid team name
 - b. Codes (in a python script or notebook in a zipfile) have to be submitted, labelled with your team name.
 2. The submission site will be shared via MS Teams at a later date.

FAQ - Kaggle Submission

1. My team name has been taken up in Kaggle, what do I do?
 - > Please create another team name (something similar) in Kaggle, and inform lagnes@dsta.mobi via MS Team chat on your new team name.



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