For this week’s mini-project, you will participate in this [**Kaggle competition: Natural Language Processing with Disaster Tweets**](https://www.kaggle.com/c/nlp-getting-started/overview).

This Kaggle competition is about classifying texts. It is an excellent introduction to Natural Language Processing (NLP).

The instructions summarize the criteria you will use to guide your submission and review others’ submissions. Note: to receive total points for this section, the learner doesn't need to have a top-performing score on the challenge. This is a mini-project to complete as a weekly assignment, so we don't expect you to iterate over your project until you have a model capable of winning the challenge. The learner needs to show a score that reasonably reflects that they completed the rubric parts of this project, E.g., a model score above 0.00000.

You will submit deliverables:

**Deliverable**

A Jupyter notebook with a description of the problem/data, exploratory data analysis (EDA) procedure, analysis (model building and training), result, and discussion/conclusion.

Suppose your work becomes so large that it doesn’t fit into one notebook (or you think it will be less readable by having one large notebook). In that case, you can make several notebooks or scripts in a GitHub repository (as deliverable 3) and submit a report-style notebook or pdf instead.

If your project doesn’t fit into Jupyter notebook format (E.g., you built an app that uses ML), write your approach as a report and submit it in a pdf form.

A screenshot of your position on the Kaggle competition leaderboard for your top-performing model.