Lab 5 Kaggle Introduction

COMP4901K and MATH 4824B

Fall 2018

Prerequisites

• You need to sign up for https://www.kaggle.com before this lab.

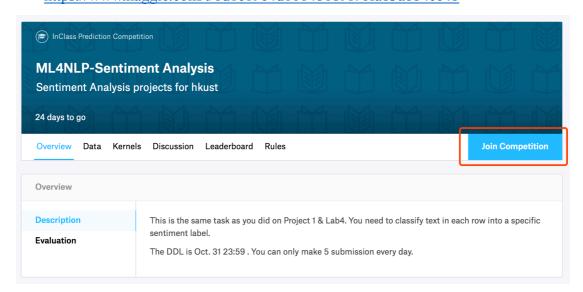
1 Kaggle Brief Introduction

1.1 What is Kaggle

Kaggle is the world's largest community of data scientists and machine learners. Kaggle got its start by offering machine learning competitions now also offers a public data platform, a cloud-based workbench for data science and short form AI education. On 8 March 2017, Google announced that they were acquiring Kaggle.

1.2 Join in our In-class Competition

Now join in our in-class Kaggle competition! Click this url https://www.kaggle.com/t/6d1e19c4d1064b189f76fa83a8b4ce4b



Then click "Join Competition".

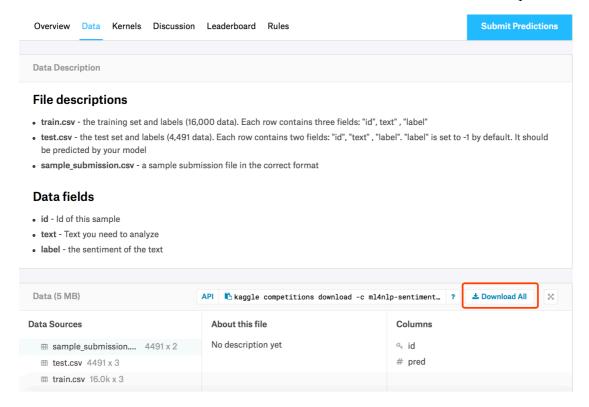
1.3 Explore the Competition

1.3.1 Overview

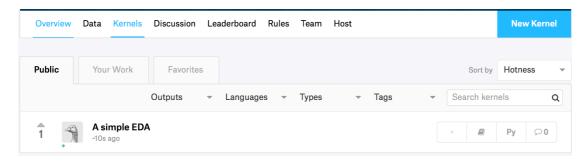
The task of this competition is the same as Lab4 / Project 1, just to use machine learning algorithm to do sentiment analysis. You can use any program language you like and any machine learning algorithms to boost the performance of your classifier.

1.3.2 Data

You need to first download the overall dataset from "Data" section of the competition.

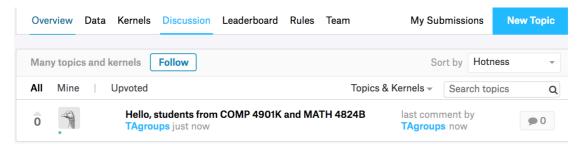


1.3.3 Kernel



You can use Kaggle kernel to run your scripts or notebook. Also, you can share your kernels in public.

1.3.4 Discussion



You can share your ideas and questions in the discussion field.

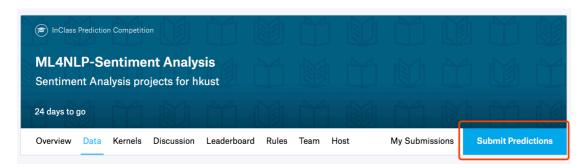
1.3.5 Leaderboard

Your Score & Rank are shown in the Leaderboard. Every time you make a submission, the leaderboard will be updated.

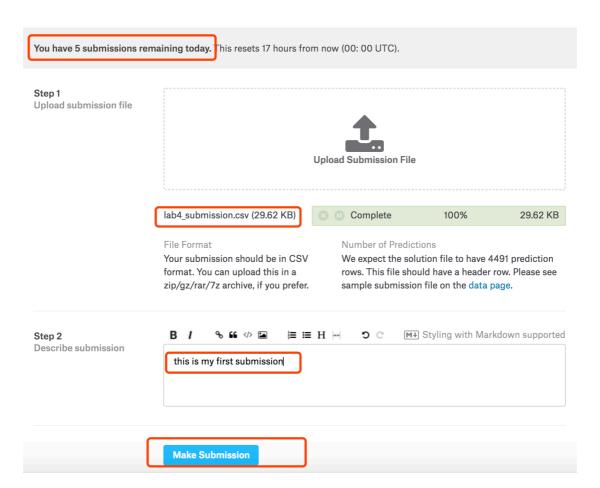
1.4 Make a valid submission

Open the sample_submission.csv, your job is to use your model to generate a submission of this format.

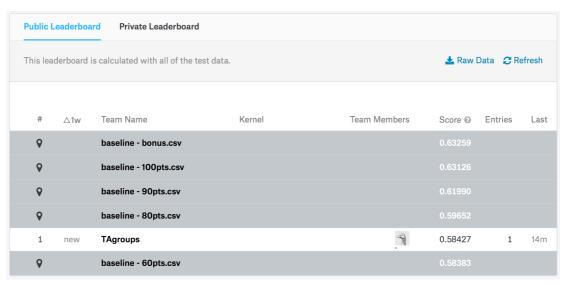
We first Run the Lab 4 code to generate a submission lab4_submission.csv Then click "Submit Predictions".



And then upload lab4_submission.csv,



Then go back to the leaderboard to check our result



We already got 60 pts! Cheers!

1.5 Rules

- (1) You're supposed to finish this project on your own. Plagiarism and Team work is not allowed.
- (2) You can only make 5 submissions every day.
- (3) Grades are given according to your scores on the leaderboard.

2 Intel Cloud Sign up

2.1 What is Intel Cloud

Intel Cloud provides you with remote computing resources to finish your project. Details will be introduced in Lab 6.

2.2 Sign up for intel cloud

Before using Intel Cloud, you need to sign up with the following link https://plan.seek.intel.com//www-en-software-registration-form-intelaidevcloudsignup-html?registration-source=salesforce&activityID=OPTY-0015197

Sample form is as follows:

