COMP4332:
Introduction to KDD project #1

KDD Cup 2014 - Predicting Excitement at DonorsChoose.org

Project Overview

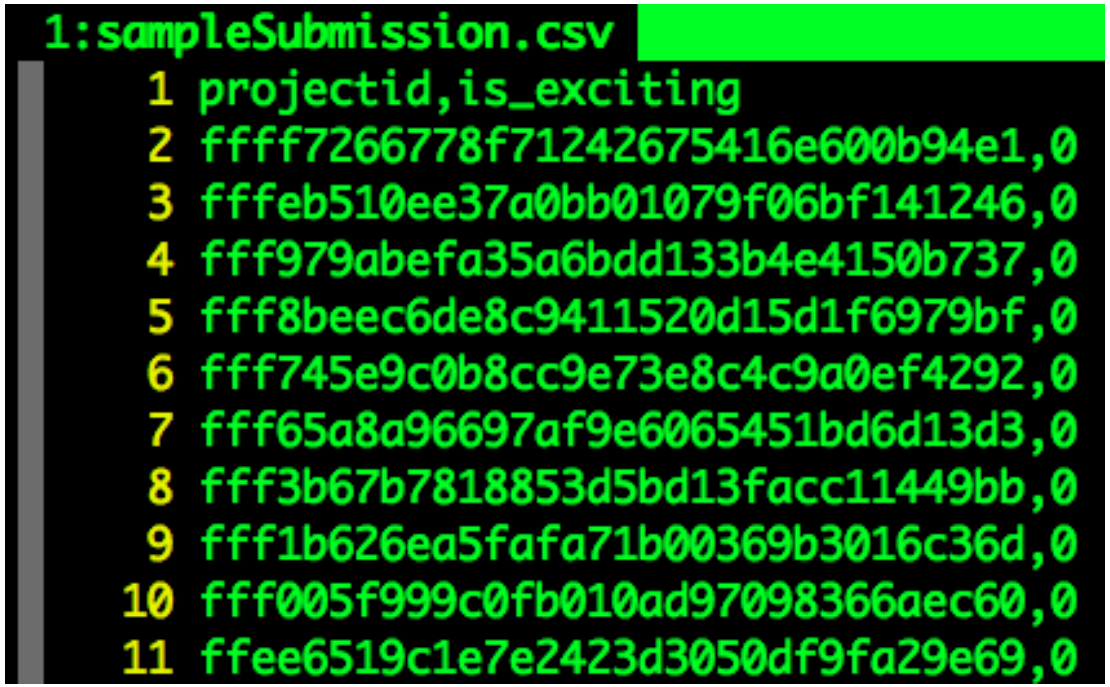
- task: predict exciting projects in Donorschoose.org (identify projects that are exceptionally exciting to people, at the time of posting)
- Donorschoose.org:
  - nonprofit organization that allows individuals to donate directly to public school classroom projects
  - Public school teachers can post their project requests
  - interested party can donate any amount of money to the project
  - a project may/may not reach its funding goal
- Kaggle website: https://www.kaggle.com/c/kdd-cup-2014-predicting-excitement-at-donors-choose

Details of the avaliable data(6 data files)

- donations.csv - contains information about the donations to each project. This is only provided for projects in the training set.
- essays.csv - contains project text posted by the teachers. This is provided for both the training and test set.
- projects.csv - contains information about each project. This is provided for both the training and test set.
- resources.csv - contains information about the resources requested for each project. This is provided for both the training and test set.
- outcomes.csv - contains information about the outcomes of projects in the training set.
- sampleSubmission.csv - contains the project ids of the test set and shows the submission format for the competition.

Format of Submission

- format: csv



How to begin?

- formulate your own team, and name your team
- register your team on the Kaggle Website
- download the dataset from the project page
- do the experiment, and train your model
- submit the predicted result to the website
- get the rank and score of your team

Score Criterion

- Codes of your application (30%)
- Documents describing your progress of building your model, features selection, model assessment and selection, etc.(40%)
- The score you got after your submission to Kaggle website, provide your score by screenshot. (30%)

About submission

- Deadline: 11:59pm Apr 5th
- Submit to: ywangby@connect.ust.hk
- Title:**RMBI4310/COMP4332: Project 1, #Groupid**
- Content:
  - Group member:
    - Student id, email, name
  - Codes
  - Project report
  - Score in Kaggle

Tools Recommended

- Anaconda(all included)
  - numpy
  - scipy
  - scikit-lean
  - matplotlib
  - and so on...