

Term Project Proposal

Machine Learning: CSCI-8750

8th March 2018

Project Name: Google Landmark Recognition Challenge

([Kaggle]: <https://www.kaggle.com/c/landmark-recognition-challenge/>)

Project Group Members:

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Project Description:

In this competition, you are asked to take test images and recognize which landmarks (if any) are depicted in them. The test images are listed in test.csv, while train.csv contains a large number of images labeled with their associated landmarks. Test images may depict no landmark, one landmark, or more than one landmark. The training set images each depict exactly one landmark. Each image has a unique id (a hash) and each landmark has a unique id (an integer).

Inputs & Outputs:

- **train.csv** - the training image set [ID, URL, LANDMARK_ID]
- **test.csv** - the test set containing the test images for which you may predict landmarks [ID, URL]
- **sample_submission.csv** - a sample submission file in the correct format [ID, LANDMARKS]

References:

- [1] Kaggle
- [2] H. Noh, A. Araujo, J. Sim, T. Weyand, B. Han, "Large-Scale Image Retrieval with Attentive Deep Local Features", Proc. ICCV'17