Monument Identification

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June 24, 2019

Overview

- Problem statement
- Objective
- Dataset
- Technologies to be used

Problem Statement

Given a picture, can we recognize the monument?

Objective

- To recognise the monuments
- Compare the accuracy of different algorithms

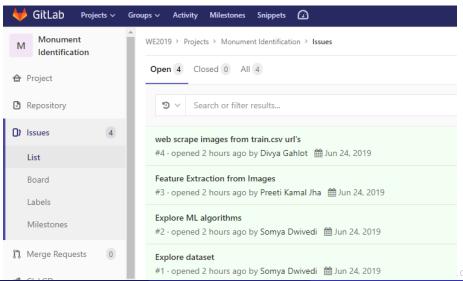
Dataset

- Google Landmark Recognition Dataset
 - 1,225,029 training images with 14,951 landmarks
 - 117,703 test images
 - Image aren't evenly distributed
- Used reduced dataset
 - 250 training images with 5 landmarks
 - 25 test images

Technologies to be used

- Language- Python 3
- ML algorithms- KNN, SVM
- OpenCV
- Oriented FAST and Rotated BRIEF (ORB)- Feature detection

Day 1 progress



Discussions