GROUP PROJECT ONE

NYC HIGH SCHOOL AVERAGE SAT SCORES AND ITS CORRELATION WITH OTHER FACTORS

![A view of a city with tall buildings

Description automatically generated]()

Objectives:

* Students will be able to articulate the requirements for Project 1;
* Students will be able to draw and interpret diagrams of Git branching workflows;
* Students will be able to create new branches with Git;
* Students will be able to push local branches to GitHub;
* Students will be able to pull a branch from GitHub;
* Students will be able to merge branches with Git;
* Students will be able to open, review, and merge PRs with GitHub;
* Students will resolve merge conflicts in their working copy;
* Students will push branches to GitHub;
* Students will be able to open a PR against a given branch;
* Students will be able to use Git's stash feature to save "dirty" work.

August 27, 2019 Group Meeting

Outcome of the meeting was the submission of the Project Proposal for NYCHS SAT Score Data Analysis

*Project Objectives*

- Explore the correlation or interesting relationship of New York City High School SAT Average Scores with the following factors:

1. Number of Trees/Parks in the vicinity of or in proximity to a NYC High School;
2. MTA Frequency (Train Stations)
3. Household Income;;
4. Rat Sightings;
5. Other factors;

*Project Technical Requirements*

- Explore the correlation or interesting relationship of New York City High School SAT Average Scores with the following factors:

1. Use google APIs to pull put zip codes from street addresses without zipcodes;
2. Simplify street addresses into just zipcodes and groupby;
3. Merge all these data sets(number of trees, MTA frequency, rent prices, income of a household)

*Team Members*

Roy, Isaac, Kevin, Russell