Final Project: Project Plan Assignment

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Each Group Member will have write privileges by default.

All written deliverables should be managed within GitHub using appropriate branches, pushes, pull requests, and merge methods as agreed upon by your group.

EVERYONE MUST PUSH TO GITHUB

- Write a one to two page report in R Markdown. Include the following elements:

App Title and Names of your group members (1)

- Housing Market Analysis of NYC Neighborhoods

- Joshua O'Steen, Yashar Mansouri, Christopher Hoffmann

Description of the problem to be analyzed in the Shiny App (1)

- General purpose shiny app that displays housing market trends and prices for NYC neighborhoods

Proposed data sources. (1)

- The data can be found on StreetEasy Data

Concept for the Shiny App
Overall Layout (1)

- Main visualization tab with various user input choices
- Map visualization displaying data on NYC neighborhoods
- Time series graphics for rent and sales data going

Data Analysis and Visualization with User Choices and Results (2) - line plot time series - avg rent price - avg income per year - avg home sales price per year

Statistical Modeling with User Choices and Results (2)

- mean
- median
- linear regression to predict in the next few years

If group has only 413 students, the points go to Data Analysis and Visualization

Allocation of Responsibilities for the team (1)
- Yashar (Data cleaning/Analysis/Statistical Modeling)
- Joshua (Data Analysis)
- Christopher ()

Project Steps/Schedule (1)

schedule???