**Project 1 Proposal**

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Description/Outline:

A brief analysis of squirrel behaviors observed in Central Park NYC in 2018.

Looking for correlation between behaviors and location

Questions to answer:

Correlation between different areas and behaviors.

* Plot a map

Correlation between colors and behaviors exhibited around other squirrels.

Correlation between colors and behaviors exhibited around humans.

Data sets to be used:

https://catalog.data.gov/dataset/2018-central-park-squirrel-census-squirrel-data

Breakdown of tasks:

Cleaning the data

GitHub Merge authority

Behavior map

Fur color vs Behavior towards other squirrels

Fur color vs Behavior towards humans

Powerpoint

Visualizations:

Pie chart of colors

Pie chart of adult/juvenile

Bar chart of # of squirrels per hectacre

Map plot

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| --- | --- | --- |
| Task | Assigned-1 | Assigned-2 |
| Cleaning the data | Donald |  |
| GitHub Merge authority | Ben |  |
| Behavior map | Khrystyne | Ben |
| Fur color vs Behavior towards other squirrels | Derek |  |
| Fur color vs Behavior towards humans | Derek |  |
| Powerpoint | Donald | Khrystyne |
| Analysis | ALL |  |