**Group 4 - Project One - Timeline**

Group Members: Charity, Michael, Ben, Barrett

***Beware of Scope Creep! The tendency for projects to become more complex after work begins***

**Project Ideation**

* **Tuesday Jan 9**: Final proposal written and approved (includes datasets planned to use, questions we will ask, and types of analysis/visualization we will conduct)

**Data fetching/API integration**

* **Wednesday Jan 10**: Pull data from census bureau and merge with EV dataset
* **Wednesday Jan 10**: Clean data (remove null, non-Washington elements, etc)

**Data Analysis**

***Visualizations (20 points)***

* *6–8 visualizations of data (at least two per question) (10 points)*
* *Clear and accurate labeling of images (5 points)*
* *Visualizations supported with ample and precise explanation (5 points)*

***Analysis and Conclusion (20 points)***

* *Write-up summarizes major findings and implications at a professional level (5 points)*
* *Each question in the project proposal is answered with precise descriptions and findings (5 points)*
* *Findings are strongly supported with numbers and visualizations (5 points)*
* *Each question response is supported with a well-discerned statistical analysis from lessons (e.g., aggregation, correlation, comparison, summary statistics, sentiment analysis, and time series analysis) (5 points)*

***Slide Deck (20 points)***

* *Slides are visually clean and professional (5 points)*
* *Slides are relevant to material (5 points)*
* *Slides effectively demonstrate the project (5 points)*
* *Slides are clear and maintain audience interest (5 points)*
* **Thursday Jan 11:** Examine final data set for any trends or insights we may want to add to our report
* **Thursday Jan 11 - Sunday Jan 14**: Data crunching (need to split up the analysis among group)
* **Thursday Jan 11 - Sunday Jan 14**: Presentation report slide creation (each member create slides based on analysis done)
* **Monday Jan 15:** Summarize major findings and implications using all sections/analysis
* **Monday Jan 15:** Create key findings presentation slide based on all analysis

**Creating Documentation**

* **Tuesday Jan 16:** README.md updated with overview and results
* **Tuesday Jan 16:** Add file to GitHub documenting any sources used

**PRESENTATION AND SUBMISSION**

***Completed Analysis Uploaded to GitHub (20 points)***

* *Final data analysis contains ample and complete information in README file (10 points)*
* *Final repository is acceptable for professional quality presentation (10 points)*

***Slide Deck (20 points)***

* *Slides are visually clean and professional (5 points)*
* *Slides are relevant to material (5 points)*
* *Slides effectively demonstrate the project (5 points)*
* *Slides are clear and maintain audience interest (5 points)*

***Group Presentation (20 points)***

* *All group members spoke during the presentation (5 points)*
* *Group was well prepared (5 points)*
* *Presentation is relevant to material (5 points)*
* *Presentation maintains audience interest (5 points)*
* **Thursday Jan 18:** Submit URL to GitHub for grading (we EACH have to do this!)
* **Thursday Jan 18:** Presentation day

***\*Wednesday Jan 17 is unscheduled in case we get behind***

***\*NEED TO CREATE A CLASSIC PROJECT IN GITHUB, DON’T KNOW HOW YET***