**Project Proposal**

**Q: The kind of data you'd like to work with/field you're interested in (e.g., geodata, weather data, etc.)**

APIs Used:

* Guidebox (for multiple site streaming data)
* Weather (<https://github.com/n0shake/Public-APIs#weather>)
* Weather (Open Weather Map)

**Q: The kinds of questions you'll be asking of that data**

Our main question:

Interested in whether or not a correlation exists between weather and streaming habits? Are you watching a streaming service at all (viewership)?

*Additional questions/things to explore:*

* Time
* Region
* Season
* Temperature Ranges
* Weather (snow, rain, etc?)

**Q: Possible source for such data**

- Guidebox and the weather APIs

**Agile Methodology**

(1) Setting up repository

~~(1) Setting up Guidebox (only 7 day trial/1,000 calls): doesn’t provide information we needed~~

(1) Find new API for streaming (ideas: YouTube, Reddit, etc)

**# Presentation Requirements**

**The presentation requirements for Project 1 are as follows.**

**Your presentation must:**

**\* [ ] Be at least 8-10 min. long**

**\* [ ] Describe the core message or hypothesis for your project.**

We were interested in exploring whether or not a correlation exists between weather and streaming habits? Are you watching a streaming service at all (viewership)?

*Additional questions/things to explore:*

* Time
* Region
* Season
* Temperature Ranges
* Weather (snow, rain, etc?)

**\* [ ] Describe the questions you and your group found interesting, and what motivated you to answer them**

**\* [ ] Summarize where and how you found the data you used to answer these questions**

**\* [ ] Describe the data exploration and cleanup process (accompanied by your Jupyter Notebook)**

**\* [ ] Describe the analysis process (accompanied by your Jupyter Notebook)**

**\* [ ] Summarize your conclusions. This should include a numerical summary (i.e., what data did your analysis yield), as well as visualizations of that summary (plots of the final analysis data)**

**\* [ ] Discuss the implications of your findings. This is where you get to have an open-ended discussion about what your findings "mean".**

**\* [ ] Tell a good story! Storytelling through data analysis is no different than in literature. Find your narrative and use your analysis and visualization skills to highlight conflict and resolution in your data.**