**Executive Summary**

*This section provides an overview to the project. It should briefly touch on the motivation, data question, data to be used, along with any known assumptions and challenges.*

**Motivation**

*Here you will go into more detail about why you have chosen this project.*

**Data Question**

How does the death rate of persons attempting to hike the Appalachian trail in its entirety compare to other epic hikes in the united States?

What are some ways other national park trails have managed safety issues and what were the outcomes of these changes?

What are the best and worst times to travel the trail based on successful attempts

**Potential Data sources: National Park Services.gov**

**Public-nps.opendata.ArcGIS**

**Catalog.data.gov-2950**

**GitHub**

**Minimum Viable Product (MVP)**

*Define your MVP. This should be a description of what your final capstone will look like, including visualizations, how the analysis will be presented, who the intended audience is, etc.*

**Schedule (through <date of demo day>)**

1. Get the Data (finish date)
2. Clean & Explore the Data (finish date)
3. Create Presentation of your Analysis (finish date)

* Should be a presentation, but could include a Jupyter Notebook or dashboard in Excel, Tableau, or PowerBI

1. Internal demos (<date of internal demos)
2. Demo Day!! (<date of demo day>)

**Data Sources**

*Document the data you use and the source of that data*

**Known Issues and Challenges**

*Explain any anticipated challenges with your project, and your plan for managing them. Be sure to include:*

* *If you need to request data or an api key*
* *Based on your data sources, known data cleaning steps*