**Proposal for the final project**

Submit a short (1/2 to 1 page) proposal that outlines and describe your plan for the final project. The proposal should discuss the following aspects of the project:

* the data set(s) you wish to use in the project,
* the questions that you want to explore
* the analysis methods and techniques that you will use
* how the above items satisfy the requirements outlined in the final project description

**A Traveler’s Guide for National Parks in the US**

# 0. Team Members

Ziyuan Cai (cziyuan@upenn.edu)

Sisun Cheng (sisunc@upenn.edu)

# 1. Introduction

# 2. Data

Twitter API data (with a topic of the name of each National Park)

Tourist Number data from 1904 to 2016: <https://data.world/datasets/national-parks>

US county shapefile data: <https://www.census.gov/geographies/mapping-files/time-series/geo/carto-boundary-file.html>

NPS data portal: <https://public-nps.opendata.arcgis.com/>

Park Boundary data:

<https://irma.nps.gov/DataStore/Reference/Profile/2224545?lnv=True>

# 3. Analysis Methods and Techniques

# 4. Satisfying the Outlines