Project Proposal Template

Question/need:

- What is the framing question of your analysis, or the purpose of the model/system you plan to build?

  Due to Covid-19, ridership behaviors have changed, and Citi Bike needs to adjust rebalancing operations to better meet the increased demand.

- Who benefits from exploring this question or building this model/system?

  From exploring this question, the Citi Bike riders and Citi Bike will benefit. Other bikeshare companies can also benefit from this data analysis.

Data Description:

- What dataset(s) do you plan to use, and how will you obtain the data?

  I plan on using Citi Bike trip data. I will obtain this data from Citi Bike's website.

- What is an individual sample/unit of analysis in this project? What characteristics/features do you expect to work with?

  An individual sample of analysis in this project is a ride containing the time information, station longitude and latitude, user type, gender, and date of birth.

Tools:

- How do you intend to meet the tools requirement of the project?

  I will use Excel/Google Spreadsheets to clean and analyze the data. I will also use Tableau for data visualizations.

- Are you planning in advance to need or use additional tools beyond those required?

  I do not plan on using any additional tools beyond those required at the moment.

MVP Goal:

- What would a minimum viable product (MVP) look like for this project?

A MVP for this project should consist of some preliminary analysis of the ridership trends.