The Team

#Group-0

1. Subhra
2. Mike
3. Alimam
4. Carlos

A list of the members of your team and their expected roles.

Problem Statement a.k.a Decompose The Ask

A high-level statement of the problem you intend to address. Try to translate the high-level into specific questions if you can.

Weather to be in our out. A case, to study the NFL team performance base on geography and stadium type

Identify Data Sources

Describe the data source(s) you will use. Make sure you have access to the data you want to use \*in the quantity and quality you need\*. Ideally you should get all the data in your hands before starting your project.

Describe how you plan to obtain the data, or how you got it if you already have it.

1. NFL
   1. Api calls
   2. [www.suredbits.com/api/#NFLData](http://www.suredbits.com/api/#NFLData)
2. Openweathermap data
   1. Api calls
3. Stadium data
   1. Json/csv

Define Strategy and Metrics

List some goals of your analysis, ideally in the form of testable hypothesis, or via well-defined success metrics. These can be tentative, and you don’t need to stick to them throughout your project. Again, since you haven’t done any exploratory analysis yet, you might assume that the data has structure that it doesn’t, and you might not have seen other interesting patterns in the data. But you should always approach the data with some expectations so that your efforts are focused.

1. Teams and city locations
   1. Need 17years of data
2. Type of stadium – enclosed or open structure
3. Weather data
4. Fan base
   1. Attendee/identify?
5. Economic impact
   1. Tourism
      1. Hotels
      2. Restaurant
   2. Ticket sales

Description of Data Analysis Tools You Plan to Use

Describe the tools you plan to use throughout the project. As you might expect, there will be several stages in the project. Make sure to use **at minimum** the required tools (see Project1 power point).

Describe the Data Products Your Project Will Produce

Data products include results of statistical tests, visualizations of the data, websites/apps, or model parameters. What will be the tangible evidence of your discovered insights?