Project 2 Instructions

# Goal

To understand the complexities of gathering data to answer a question that might not necessarily have data readily available, designing and validating a model to predict defined outcomes while addressing a specific question and presenting model results effectively.

# Instructions

Come up with a question independent of data gathering (if possible), gather data, conduct EDA and develop a model that answers your question.

Using Rmarkdown to develop a report of your project and publish to Rdocs so we can all see your work. Make sure your report answers at least the following questions:

1. How did you develop your question?
2. How did you gather and prepare the data for analysis?
3. How did you select and determine the correct model to answer your question?
4. How reliable are your results?
5. What predictions can you make with your model? Examples
6. Summary of the findings that address your question.

Deliver an ioslides presentation that provides an overview of your results, inclusive of the limitations and be prepared to demonstrate your knowledge in class. 7 minutes max.

Use this link to organize the Rmarkdown file to be more professional in appearance and for instructions on using ioslides: <https://bookdown.org/yihui/rmarkdown/html-document.html>

# Deliverables

Please turn in your final copy of each of these items in Blackboard:

* Rmarkdown report answering the questions detailed organized in alignment with the Data Lifecycle.
* Ioslides presentation (Rmarkdown document)

# Grading (See Rubric)

1. 50% Quality of Question Development, Model Generation and Explanation of Results
2. 25% Rmarkdown Document summarizing your work
3. 25% Presentation