**Group 1 – KU Data Analytics Online Bootcamp**

**Members:** John Johnson, Michele Sampson, Stephen Long , Theresa Heath

**Project Name:** First Segment: Sketch it out

**Project Meeting Calendar:** Team members can sign in/out anytime on below Zoom meeting time schedules.

Monday to Friday : 7pm to 10pm

Saturday to Sunday: 1pm to 4pm

**Project activity check-list:**

Create Repository for the project and invite the other team members to join

Source a data set that will suit your needs (use multiple sets if applicable)

Begin to clean, analyze and perform exploratory data analysis

Include mockups of machine learning model and database.

**Project Rubrics:**

Presentation: Note: The content does not yet need to be in the form of a presentation; text in the README.md works as well. **30 pts**

Selected Topic: Market volatility during international conflict

Questions we hope to answer with the data (reflecting on dataset)

What was the market behavior prior to the conflict?

What was it during the conflict?

Did the size of the conflict have a proportional impact on the market price?

Was a certain sector impacted more than another?

More questions to add and or finalize by the team…

Github : (**10 pts)**

Main Branch: Includes a README.md, description of the communication protocols

Individual Branches: At least 1 branch for each team member. Each team member has at least 4 commits from the duration of the first segment

Machine Learning Model: **(35 pts**)Team members present a provisional machine learning model that stands in for the final machine learning model and accomplishes the following:

Takes in data in from the provisional database

Outputs label(s) for input data:

Database: **(25 pts)** Team members present a provisional database that stands in for the final database and accomplishes the following:

Sample data that mimics the expected final database structure or schema

Draft machine learning module is connected to the provisional database: