Rubrics for Final Project

The final project is graded based on the following deliverables:

- Presentation of results and insight: 40%
- Data analysis source code and data: 40%
- Final project report: 20%

Below is a breakdown of the 3 deliverables:

0.1 Presentation of results and insights (40%)

- Each team will have 10 minutes to present their findings and 2 minutes to answer questions.
- You must present your results in some form, such as Powerpoint slides, a Jupyter notebook, a pdf file, or a dashboard UI, etc.
- This is where you should address any problem you had in converting your initial design into a result. If you do not address and reflect on issues in your code, you will likely lose points in both this section and in source code part.
- Explain what your numerical results mean. If you are using statistical methods, try to explain why you use these methods and how you have used them to obtain meaningful results.
- Don't forget to mention any reflections on how you might have been able to improve your process if you were to do it again.

0.2 Data analysis source code and data (40%)

- Your source code should be written in a Jupyter notebook file with all the source code and corresponding execution results.
- If data size allows, the datasets you used for your data analysis should be packaged with the source code. If it is not feasible, please list the precise source/url on the dataset you used.
- The jupyter notebook file should contain all the source code that's relevant to the results you presented in the project presentation.
- Your code in the Jupyer notebook file should be executable. All the listed results in the notebook should be reproducible by executing the code cells one by one.
- Comment and document your work! Your code should be easy to understand and has enough comments/annotations to guide the reader through the data analysis.
- As always, please don't submit messy or redundant code. Name your files and variables meaningfully (avoid using variables named with a single letter).

0.3 Final project report (20%)

- The report should contain some background information about data and the problem to solve
- The report should have a summary on the analytics methodologies used in the analysis and
- The report should have a summary on the data analysis results and findings
- The report should list each team member's contribution to the project