Group 03 Proposal: Members: Marta Baker, Katherine Rebeck, Seven George, and Kevin Carney

1. What is your dataset and why?
   1. <https://www.kaggle.com/datasets/rohanrao/formula-1-world-championship-1950-2020>
   2. Why? There is a lot of interesting data to be gleaned from Formula 1 racing and has several avenues that can be pursued with regards to visualizations and the map aspect.
2. Research Questions:
   1. Where are the circuits located? – uses Circuit.csv
   2. How have various nationalities performed?
   3. Which drivers have been at each circuit?
3. Inspiration:
   1. <https://public.tableau.com/app/profile/panki.shah/viz/Formula1_0/Formula1>
   2. <https://www.formula1.com/en/results/2024/drivers>
   3. https://racingnews365.com/formula-1-circuits
4. Visualizations – Map
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   2. Applicable filters:
      1. Country
      2. Last Race
      3. First Race
5. Visualizations – Other
   1. Sunburst Chart: Country -> Circuit -> Constructor / Team -> Drivers
      1. Note: Additional to include: Number of Races, Best Finish, Worst Finish
      2. Note: Separate Page
   2. Horizontal Bar Chart: Nationality performance
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6. Colors Palette:
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   2. Simplex Bootswatch: <https://bootswatch.com/simplex/>
7. Roles and Responsibilities:
   1. Data Cleaning – All
   2. Load Notebook – Kevin
   3. Flask – All / Katie
   4. Map – Marta
   5. Visualizations – Marta / Katie
   6. Powerpoint – Katie / Seven
   7. Write up – Kevin / Seven
8. Formatting and Filetypes:
   1. Slides in Powerpoint
   2. PDF that has the writeup
   3. Jupyter Notebook for cleaning / visualizations
   4. SQL Database for Queries
   5. Github Link: https://github.com/KevinPCarney/Project-3-Group-03