Data Analysis Project File Links and Descriptions

Describes the purpose of each file in the root directory of the GitHub repository.

Analysis Description.pdf
- Detailed explanation of six phases of data analysis: Ask, Prepare, Process, Analyze, Share, and Act.

PowerPoint1.pdf
- Facilitate the Share and Act phase of data analysis.

Cyclistic_Analysis1.Rmd
- Analyses and identifies trends of combined 12 months data using R Markdown for data aggregation, charts and percentiles. Uses 12 .RData files located in RData_CleanBike folder.

Cyclistic_Analysis1.html
- HTML format of Cyclistic Analysis1.rmd for easy observation of the R Markdown codes and its outputs.

2023_BikeData_Cleaning.Rmd
- Data cleaning of April 2023 dataset: 202304-divvy-tripdata.csv. It is used as a template for the rest months of 2023. Output of data cleaning code for each month is stored in RData_CleanBike folder as .RData files (R Workspace Files) that is part of project repository.

2023_BikeData_Cleaning.html
- HTML format for easy observation of the R Markdown codes used for data cleaning.

202304-divvy-tripdata.csv
- Cyclistic's historical trip data to analyze and identify trends for April, 2023. Link to it is used in "Template202304.Rmd" and can be found at: https://divvy-tripdata.s3.amazonaws.com/index.html. (Not a part of repository).

Divvy Prices.pdf
- PDF format of the Excel worksheet for easy observation of the Divvy prices, benefits, Prices Table and Price charts.

Divvy Prices.xlsx
- Excel worksheet with price tables, charts, and formulas to manipulate prices and visualize changes across all users.