

Data Analysis Project content

This section describes the purpose of each file in the root directory of the GitHub repository.

[Analysis Description.pdf](#)

– this document presents detailed explanation of six phases of data analysis: Ask, Prepare, Process, Analyze, Share, and Act.

[Case 1 PPT.pdf](#)

- this presentation aims to facilitate the Share and Act phase of data analysis.

[202304-divvy-tripdata.csv](#)

- Cyclic's historical trip data to analyze and identify trends for April, 2023. Link to it is used in R Markdown 2 - "Template202304.Rmd".

[Ciclistic Analysis1.Rmd](#)

- R Markdown 1 for analyzing and identifying trends of combined 12 months data using R codes for data aggregation, charts and percentiles. This R Markdown 1 is using 12 .RData files from RData_CleanBike folder.

[Ciclistic-Analysis1.pdf](#)

- Ciclistic Analysis1.Rmd in PDF format for easy observation of the codes and theirs' outputs.

[Divvy Prices.pdf](#)

- Divvy prices, benefits, Prices Table and Price charts.

[Template202304.Rmd](#)

- R Markdown 2 is for data cleaning of April 2023 dataset: 202304-divvy-tripdata.csv that included in GitHub root directory. Also, is used as a template for the rest months of 2023 that are from: <https://divvy-tripdata.s3.amazonaws.com/index.html>. (Not a part of repository).

[Template202304.pdf](#)

- Template202304.Rmd in PDF format for easy observation of the codes used for data cleaning.

Accessing the Documentation

Viewing PDFs with Working Links

To ensure that all links within the PDF files work correctly, please follow these steps:

1. ****Download the Repository:****

- Click the "Code" button on the main page of this repository.
- Select "Download ZIP" to download the entire repository.
- Extract the downloaded ZIP file to a folder on your local machine.

2. ****Open the PDFs Locally:****

- Navigate to the folder where you extracted the repository.
- Open the PDF files using a PDF viewer (e.g., Adobe Acrobat Reader, your browser's PDF viewer).
- All internal links within the PDFs should now work correctly.

By following these steps, you'll be able to access and utilize all the resources in this repository with fully functional internal links.