

# Data Analysis Project File Links and Descriptions

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

## [Analysis Description.pdf](#)

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

## [PowerPoint1.pdf](#)

- **Presentation:** Facilitate the Share and Act phase of data analysis.

## [Cyclistic Analysis1.Rmd](#)

- **R Markdown for Data Analysis:** Analyzes trends in an .RData dataset that was pre-cleaned and created by combining 12 monthly datasets from 2023 datasets using a separate R Markdown file. Focuses on data aggregation, visualizations, and percentiles.

## [Cyclistic Analysis1.html](#)

- **R Markdown for Data Analysis:** Provides an HTML version for easy observation of the codes used in data analysis.

## [2023 BikeData Cleaning.Rmd](#)

- **R Markdown for Data Cleaning:** Combines 12 monthly datasets into a single dataset from an online source, performs data observation and cleaning, and saves the pre-cleaned dataset as an .RData file.

## [2023 BikeData Cleaning.html](#)

- **R Markdown for Data Cleaning:** Provides an HTML version for easy observation of the codes used in data cleaning.

## <https://divvy-tripdata.s3.amazonaws.com/index.html>

- **Online source** of Cyclistic's historical trip data. Used for R Markdown for Data Cleaning. (Not a part of the repository).

## [Divvy Prices.pdf](#)

- **Excel worksheet in PDF format** 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.

