

# Intro to Modeling Project

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# Agenda

- Overview of the Dataset
- Dataset Cleaning
- Graphs

# Overview of the Dataset



# Overview of the Dataset

The bike sharing company wants to analyze their user data to find the main differences in behaviour between their two types of users, the “casual” who pays for each ride and the annual member who pays a yearly subscription to the service

# Dataset Cleaning

**Removing all duplicated values,  
unnneeded columns, and NAs values**

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**Splitting the (started at) and (ended at)  
variables to indivdual columns**

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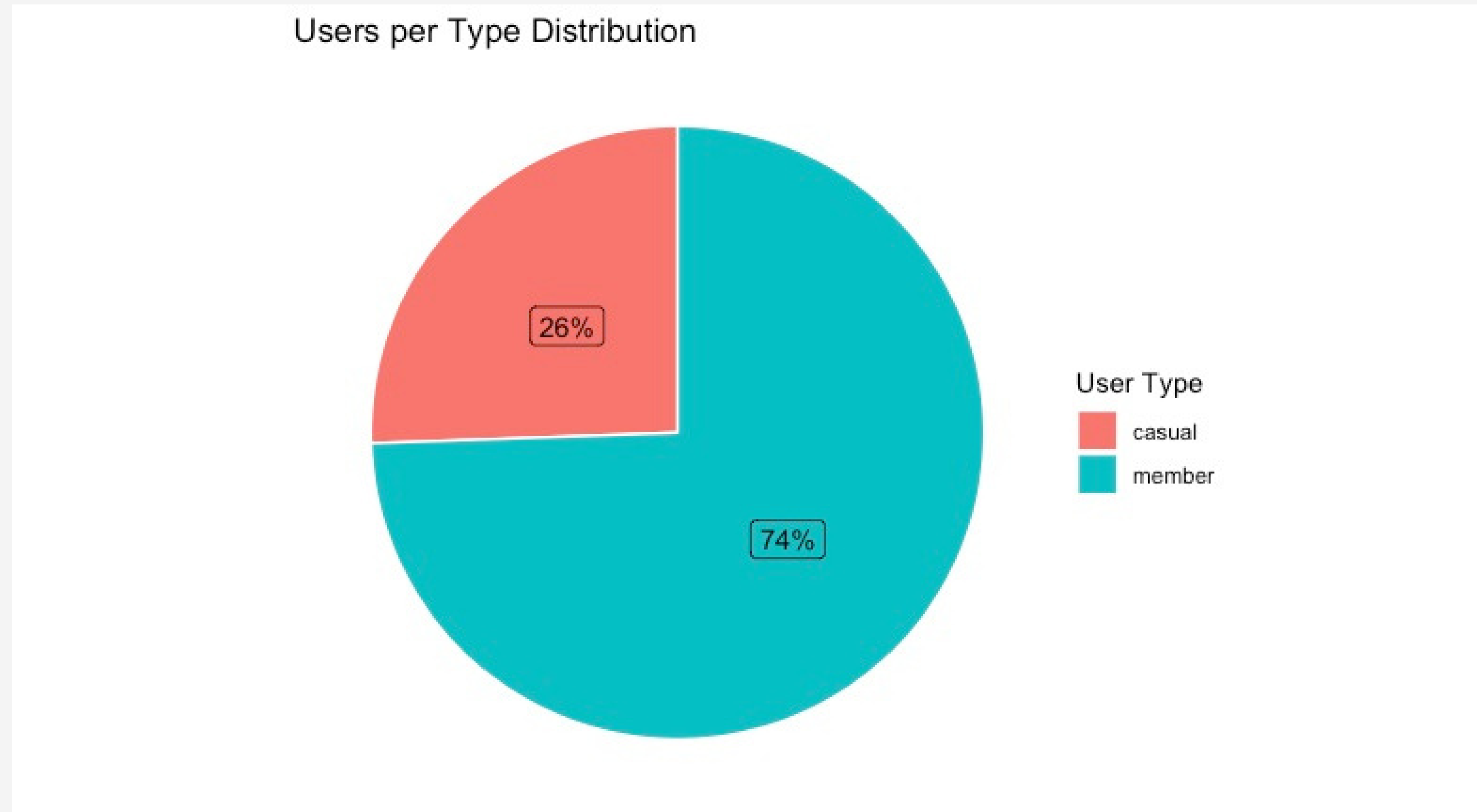
# Graphs





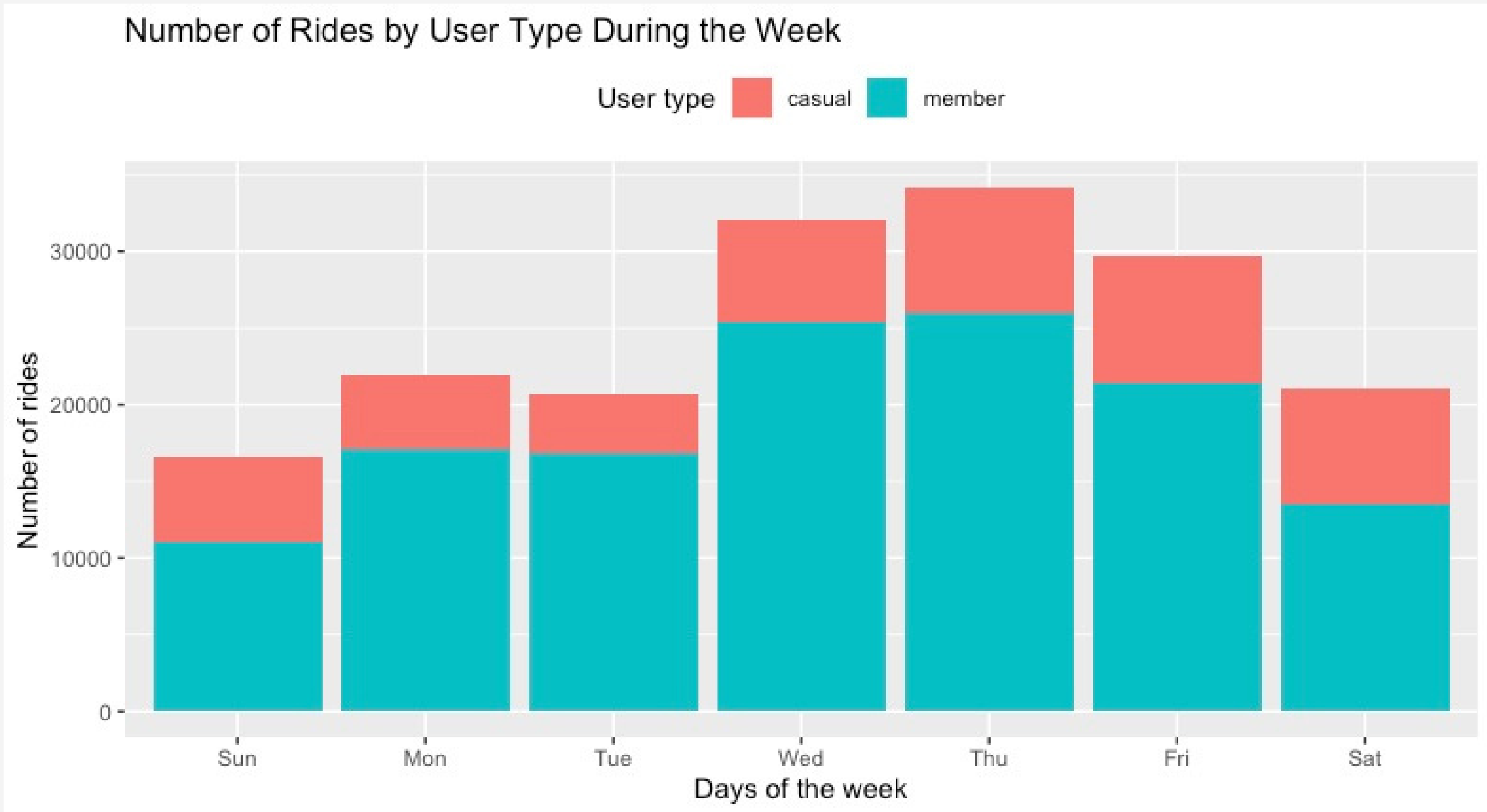
# Graph-1

## Average Ride Time per User Type per Weekday (min)



# Graph-2

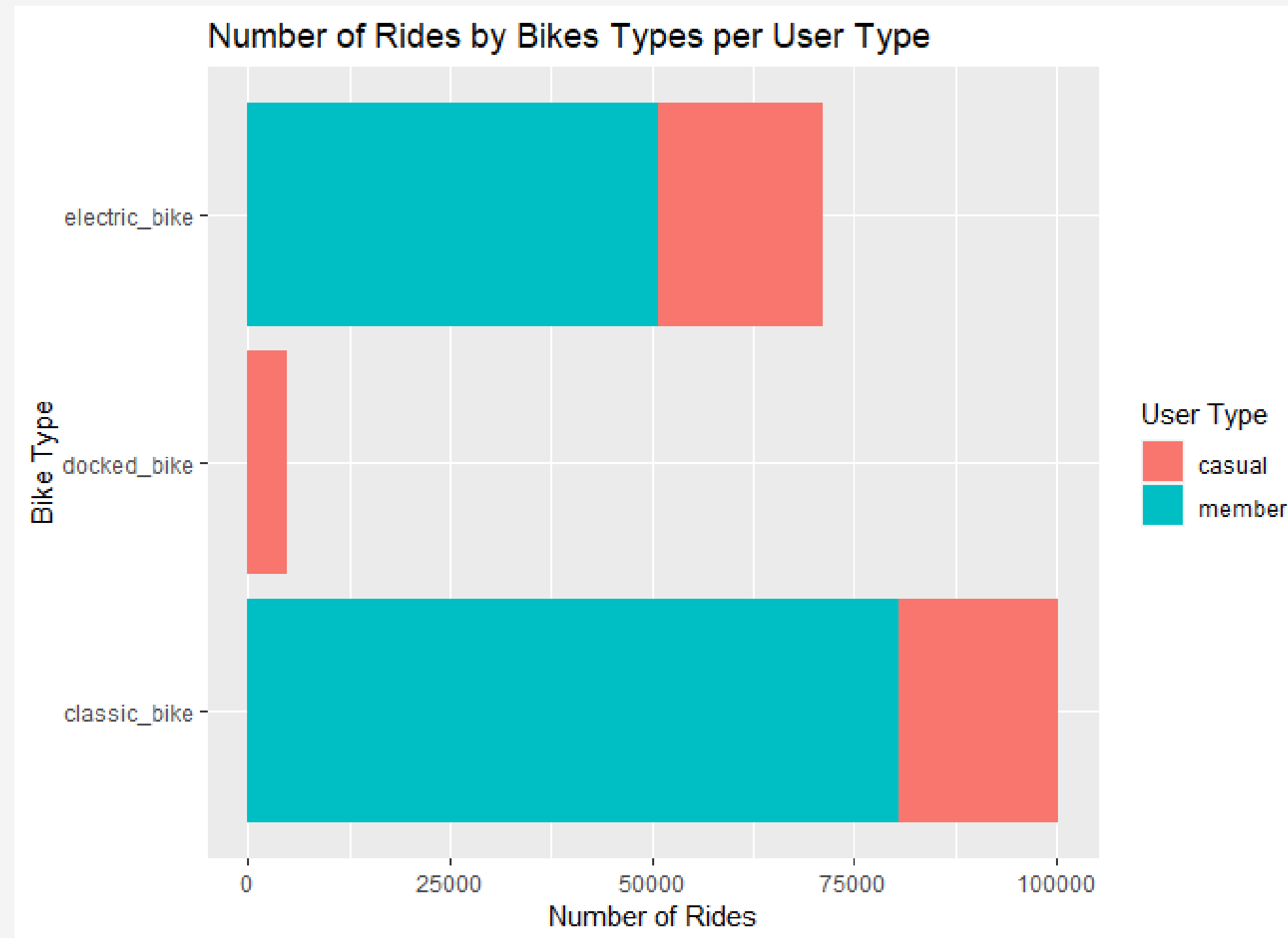
## Number of Rides by User Type During the Week





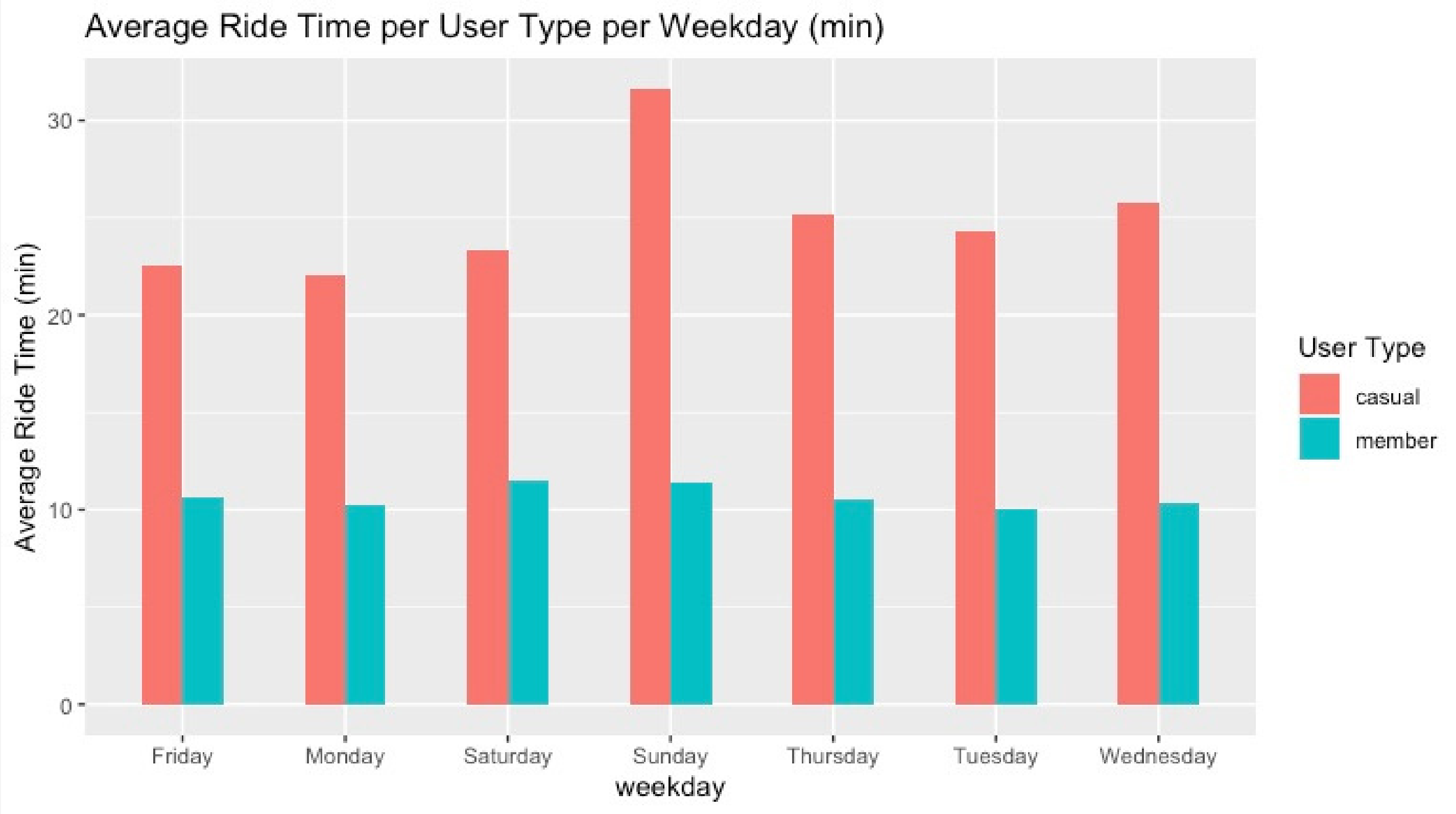
# Graph-3

## Number of Rides by Bikes Types per User Type



# Graph-4

## Average Ride Time per User Type per Weekday (min)



# Reference:

<https://www.kaggle.com/datasets/evangower/cyclistic-bike-share>



