

Cyclistic Data Analysis

Overview:

Total Number of Rides: 4,070,642

Total Number of Casual Users: 1,640,842

Total Number of Annual Members: 2,429,800

Most Popular Bike Type: Classic Bike

Most Popular Day of the Week: Saturday

Most Popular Hour to Start Trip: 1700 hours (5:00 PM)

Casual Users:

Average Ride Length: 24.26 minutes

Median Ride Length: 14

Longest Ride Length*: 34,351.1 minutes (~ 572.52 hours)

Shortest Ride Length: 0.1 minutes

Annual Members:

Average Ride Length: 12.49 minutes

Median Ride Length: 9

Longest Ride Length*: 1,493.2 minutes (~ 24.89 hours)

Shortest Ride Length: 0.1 minutes

Long-Term Bike Usage*:

Number of Users that kept the bike for 24+ hours:

Casual Users: 132

Annual Members: 21

* When I first saw this data point, I was really confused, as this company does not appear to rent out bikes long-term. If this were a real project, I would contact the stakeholders and ask for clarification (about if the data is incorrect or if customers are misusing the product, or if this is part of their design model).