CYCLISTIC BIKE-SHARE

Klaudia Chudzynska Date:5/15/2022



Main goal: How to convert casual members into annual members

How do annual members and casual riders use Cyclistic bikes differently?

I will cover the main differences between annual members and casual riders basic on historic data for previous 12 month П

Why would casual riders buy Cyclistic annual memberships?

I will put my insight based on delivery analysis

|||

How can Cyclistic use digital media to influence casual riders to become members?

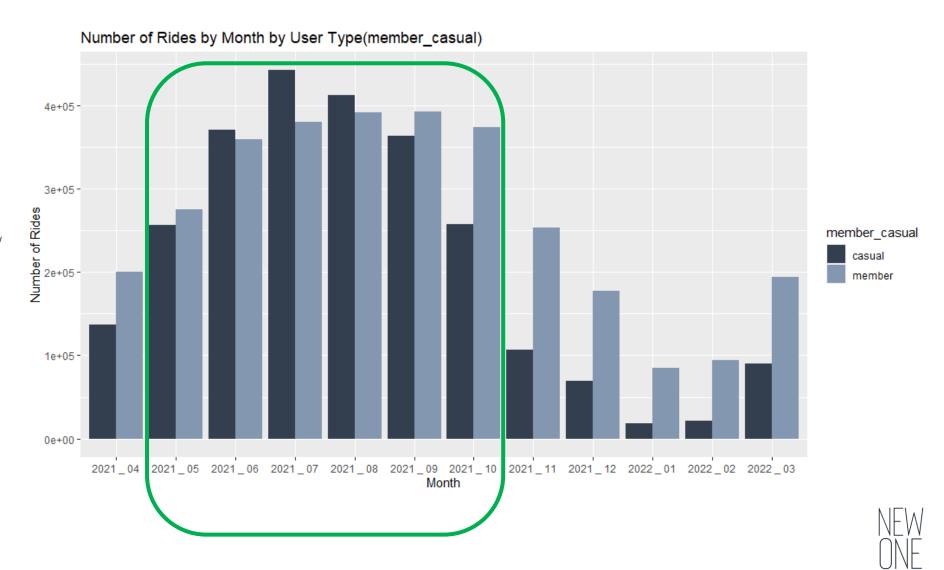
I will put my insight based on delivery analysis



Most popular period for Cyclistic Bike-Share is between 04'21-05'22

Key takeaways:

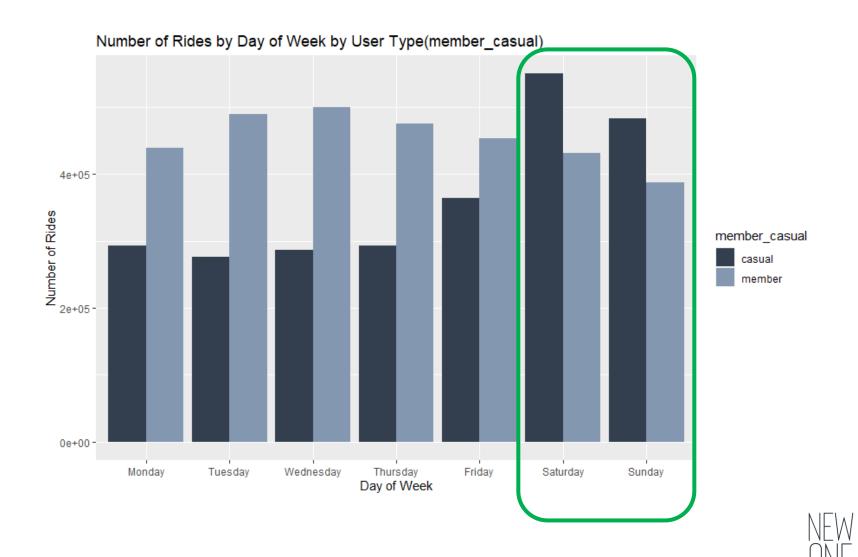
- ✓ 55% of the rides are the Annual members' routes
- ✓ By looking at 12 months of rides, we can identify the hottest season between 05'21-10'21
- Casual riders reduce their activity in the fall-winter period



For work or for activity – which weekday is an active one?

Key takeaways:

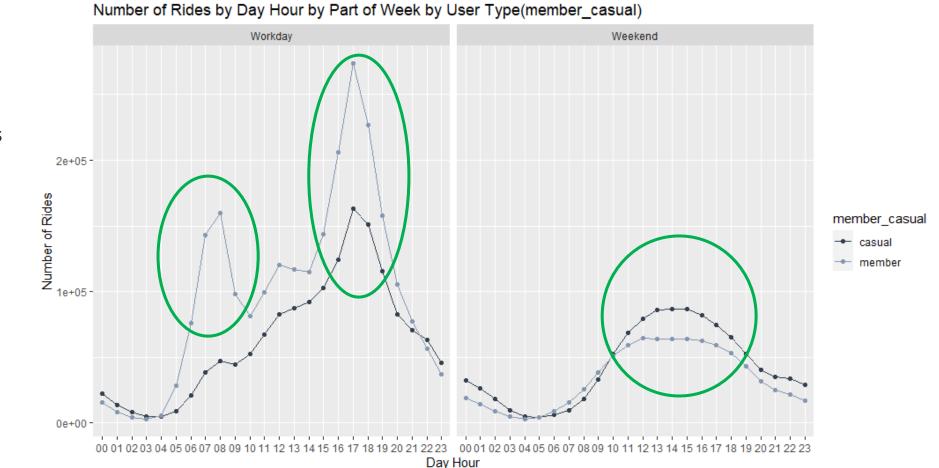
- ✓ By looking at weekdays data of rides, we can identify that casual riders are more active on weekends
- ✓ Annual users have a smooth usage trend through weeks for the Cyclistic app



For work or for activity – which hour is preferred?

Key takeaways:

- ✓ We can assume that annual members and casual riders have a similar trend in preferred hours
- ✓ The most popular hours for annual members are:
 - 7:00 9:00 a.m. on workdays
 - 4:00– 6:00 p.m. on workdays
 - 1:00 6:00 p.m. on weekends
- ✓ The most popular hours for casual users are:
 - 4:00– 6:00 p.m. on workdays
 - 1:00 6:00 p.m. on weekends

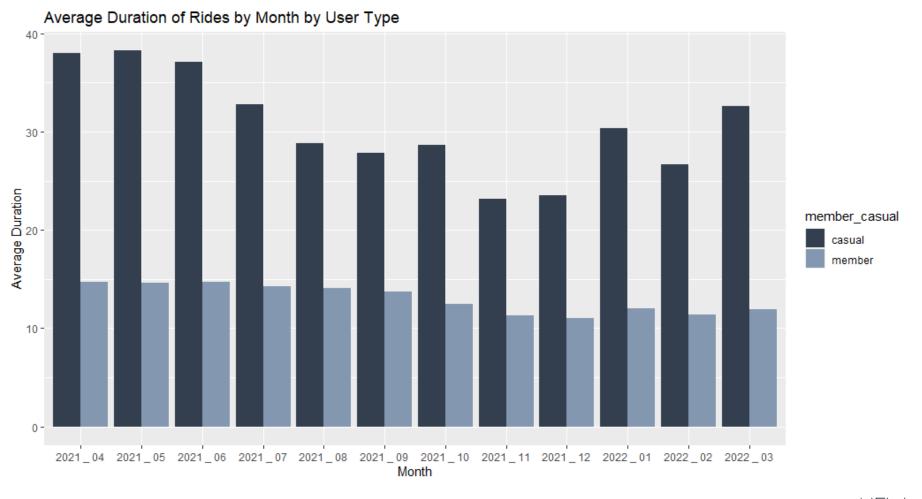




Duration time – long trip or fast ride?

Key takeaways:

✓ By looking at 12 months of an average duration time, we can see that casual riders have a longer time of rides





Differences between annual members and casual riders

Key takeaway SUMMARY

How do annual members and casual riders use Cyclistic bikes differently?

I will cover the main differences between annual members and casual riders basic on historic data for previous 12 month

Annual Members

Looking at the results, we can assume that a large number of rides are done for working travel and the desire to be active.

- ✓ The hottest months have a greater frequency than the fall/winter season (still have more rides in colder times than casuals).
- ✓ On workdays, users more often choose the bike **before work hours and after**.
- ✓ They have more rides on the workday.

Casual riders

Looking at the results, we can assume that a large number of rides are done for the desire to be active.

- ✓ The hottest months have a greater frequency than the fall/winter season.
- ✓ On workdays, users more often choose the bike after working hours.
- ✓ They have more rides on the weekend.
- ✓ Duration time is a lot longer, than annual members.



Differences between annual members and casual riders

Next Step PROPOSITIONS

How do annual members and casual riders use Cyclistic bikes differently?

I will cover the main differences between annual members and casual riders basic on historic data for previous 12 month $\|$

Why would casual riders buy Cyclistic annual memberships?

Take a **survey** with casual members about the quality of the program and what they think about annual subscribe **Analyze** results of the survey

Ш

How can Cyclistic use digital media to influence casual riders to become members?

Direct the media at a time when most casual members are active, which should increase reaching the user



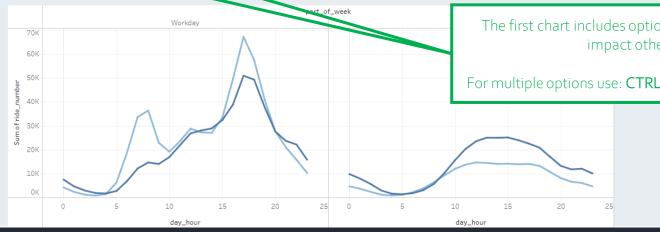
APPENDIX

Interactive DASHBOARD -> LINK





Number of Rides by Day Hours by Part of Weak by User Type



The first chart includes options to choose periods that impact other charts.

For multiple options use: CTRL + CLICK on chosen columns



APPENDIX

Documentation of cleaning and manipulation of data -> LINK

