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1. Convert casual riders to annual members to drive long term business success.

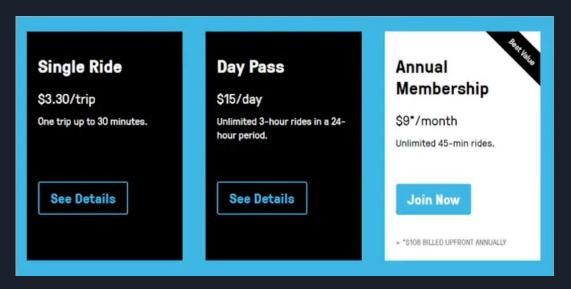
2. See how casual riders ride differently than members.

OBJECTIVE

Bikeshare company with over 6,000 bikes and 600 locations

3 Bike types - Classic, E-bike & Docked

Currently has 3 tiers of riders



ABOUT CYCLISTIC

Was conducted via DIVVY & the City of Chicago and was made available to us via Data License Agreement.

Consists of previous 12 months of data, from 1 July, 2022 to 30 June, 2023 and approximately 5.6 million data points.

Was conducted on a 1st party basis indicating high integrity.

THE DATA

DATA SHORTCOMINGS

- 1. Casual refers to any rides that weren't member rides.
- 2. Due to Consumer Protection laws, we can't see how many times customers made purchases.
- 3. We don't have access to distance rode per trip.
- 4. Some nulls and general errors with overall data.

SQL & Tableau.

Data with unknown errors kept.

| ride_id [PK] text | rideable_type text | | ended_at timestamp wi | start_station_name text | start_station_id text | end_station_name text | | start_lat double precis | - | A SECTION OF THE PROPERTY OF T | | member_casual text |
|----------------------|-----------------------|---------|--------------------------|----------------------------|--------------------------|--------------------------|----------|----------------------------|--------------|--|-------------|-----------------------|
| 0000017 | electric_b | 2022-07 | 2022-07 | Ellis Ave & 55th St | KA1504000 | Ellis Ave & 55th | KA150400 | 41.79423733 | -87.6013428 | 41.79430062 | -87.6014497 | casual |
| 0000038 | electric_b | 2022-12 | 2022-12 | Lakeview Ave & | TA13090000 | Clark St & Elm St | TA130700 | 41.92582595 | -87.6388230: | 41.902973 | -87.63128 | casual |
| 0000047 | electric_b | 2022-07 | 2022-07 | Streeter Dr & Gra | 13022 | Calumet Ave & | 13102 | 41.89220883 | -87.6118311 | 41.857611 | -87.619407 | casual |

Split timestamps to be more specific.



| start_time time without t | start_day text | start_month text |
|------------------------------|----------------|---------------------|
| 00:00:01 | Friday | July |
| 00:00:02 | Friday | July |
| 00:00:16 | Friday | July |

THE PROCESS

This was original data format.

| | ride_id [PK] text | rideable_type text | A STATE OF THE STA | ended_at timestamp wi | start_station_name text | start_station_id text | end_station_name text | end_station_id text | The second secon | start_Ing double precis | end_lat double precis | | member_casual text |
|---|----------------------|-----------------------|--|--------------------------|----------------------------|--------------------------|--------------------------|------------------------|--|----------------------------|--------------------------|-------------|-----------------------|
| | 0000017 | electric_b | 2022-07 | 2022-07 | Ellis Ave & 55th St | KA1504000 | Ellis Ave & 55th | KA150400 | 41.79423733 | -87.6013428 | 41.79430062 | -87.6014497 | casual |
| • | 0000038 | electric_b | 2022-12 | 2022-12 | Lakeview Ave & | TA13090000 | Clark St & Elm St | TA130700 | 41.92582595 | -87.6388230: | 41.902973 | -87.63128 | casual |
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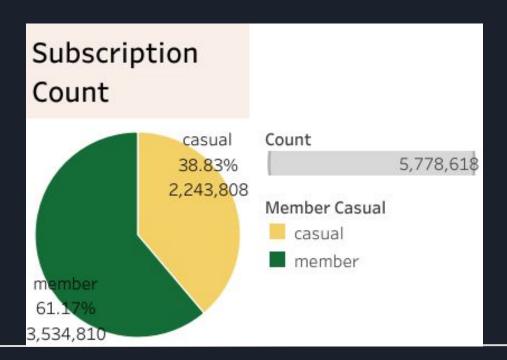




This is what I converted it into.

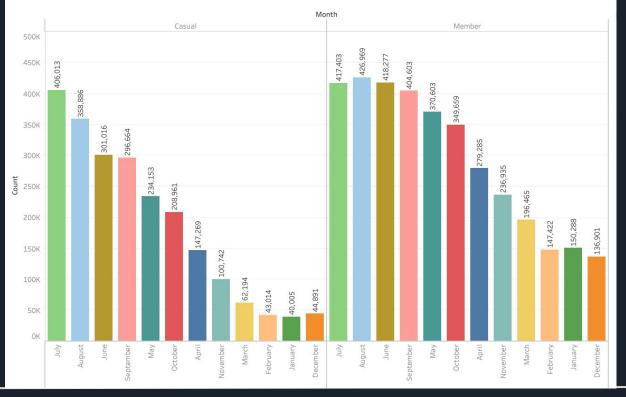
| ride_id text | membership_type text | bike_type text | start_timestamp timestamp without tim | start_time time without 1 | start_day text | start_month text | end_timestamp timestamp without time | | end_day text | end_month text | duration_in_min numeric |
|-----------------|-------------------------|-------------------|--|------------------------------|----------------|---------------------|---|----------|-----------------|-------------------|----------------------------|
| 7EA7A3A | casual | classic_bi | 2022-07-01 00:00:01 | 00:00:01 | Friday | July | 2022-07-01 00:11:06 | 00:11:06 | Friday | July | 11.08 |
| AAB8184 | casual | electric_b | 2022-07-01 00:00:02 | 00:00:02 | Friday | July | 2022-07-01 00:41:27 | 00:41:27 | Friday | July | 41.42 |
| C60D39A | member | electric_b | 2022-07-01 00:00:16 | 00:00:16 | Friday | July | 2022-07-01 00:07:38 | 00:07:38 | Friday | July | 7.37 |
| | | | | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | |

THE PROCESS (cont..)



Overall Riders

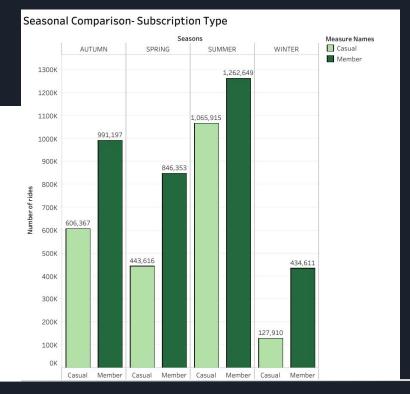
Total of 57,78,618 riders last year



Monthly Riders

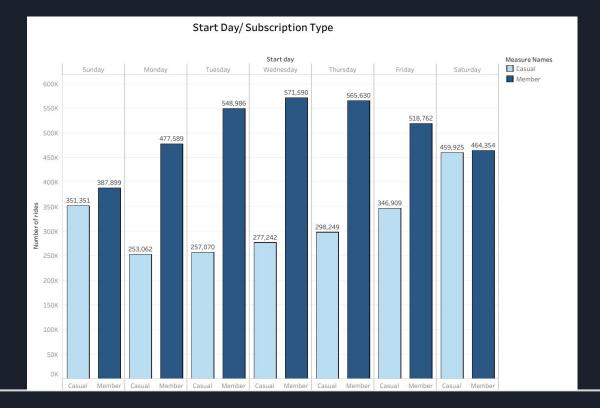
Busiest month was July - 8,23,416 Slowest month was December - 1,81,792 More members per month





Seasonal Riders

Majority of Ridership comes from Summer Massive falloff in Winter



Daily Riders

Members ride more during the week Casuals ride more on weekends



Average Ride Duration

Casuals ride longer on average Members are under 14 minutes on average daily

Annual Benefits

- 1. Unlimited 45min rides.
- 2. Potentially more value per month for frequent riders.

INSIGHTS

Members

On average ride more during the week.

On average have shorter ride durations.

Ride more during summer months.

Ride less during winter months.

Similar start and return times.

Casuals

On average ride more during the weekend.

On average have longer ride durations.

OPTION 1

Make annual memberships include unlimited 3 hour rides, instead of unlimited 45 minutes.

OPTION 2

Create in between tier for memberships, possibly \$75 annually (\$6.25 monthly), that includes annual benefits only on weekends.

OPTION 3

Create in between tier for memberships, possibly \$60 billed annually (\$5 monthly), that includes annual benefits only on summer months.

SUGGESTIONS