Dataset and License:

https://divvybikes.com/system-data

Link to Tableau Storyboard:

https://public.tableau.com/views/DivvyMarch2022/DIVVY?:language=en-US&publish=ves&:display_count=n&:origin=viz_share_link

Analysis of the DIVVY® Dataset

*Excel sheets, dashboard, and a step-by-step walkthrough of Excel formulas, functions, and pivot tables are provided following the analysis.

Project:

This project is based on a Capstone project for Google's Data Analytics Professional Certificate. The data will be cleaned, prepped, explored, and analyzed with a comprehensive dashboard in Excel. Further analysis and visualization will be completed in Tableau. I will be analyzing the March 2022 data. The business task below is from the Capstone PDF.

"Finance analysts have concluded that annual members are much more profitable than casual riders. Although the pricing flexibility helps Cyclistic attract more customers, Moreno believes that maximizing the number of annual members will be key to future growth. Rather than creating a marketing campaign that targets all-new customers, Moreno believes there is a very good chance to convert casual riders into members. She notes that casual riders are already aware of the Cyclistic program and have chosen Cyclistic for their mobility needs. Moreno has set a clear goal: Design marketing strategies aimed at converting casual riders into annual members. In order to do that, however, the marketing analyst team needs to better understand how annual members and casual riders differ, why casual riders would buy a membership, and how digital media could affect their marketing tactics. Moreno and her team are interested in analyzing the Cyclistic historical bike trip data to identify trends."

The following data analysis process will guide the project:

Ask – Understand the problem and when needed ask for clarification from stakeholders so you can focus solely on the business task.

Prepare – Having understood the problem and business task ask what metrics can be created that may be helpful in resolving the problem.

Process - Make the data useful. Clean the data, garbage in garbage out. Is the data biased?

Analyze – Find the mysteries in the data and tell the story. This is the detective stage.

Share – In this step ask for feedback. A biased view is more easily identified through the eyes of someone else. If needed go back to the analyzing step. Once bias is not a concern, create visualizations that assist in a clear and concise delivery of the analysis that anyone can easily understand.

Act – Provide actionable insights as to how solve the problem, that is if the problem is worth solving. Yes, it is possible the analysis suggests that moving forward will be net present value negative.

Ask:

Need a better understanding of the business model, researched DIVVY's website.

Rides under 60 seconds are considered false starts or users trying to redock a bike. The rental time window is 24 hours, any rental exceeding 24 hours may be considered lost or stolen and the renter may incur additional fees of \$250 plus tax for a classic bike, \$1200 plus tax for electric bikes.

Pricing:

- Day Pass: For \$15 riders receive an unlimited number of rides over a 24-hour period. A single ride that exceeds 3 hours will incur an additional charge of \$0.16 per minute.
- Single use: \$1 to unlock plus \$0.16 per minute for classic bikes. \$1 to unlock and \$0.39 per minute for electric.
- Members pay an annual fee of \$119. Members may unlock any bike type for free. For classic bikes the first
 45 minutes of each ride is included in the membership price. If a single rental exceeds 45 minutes a charge
 of \$0.16 per minute is applied. For electric a charge of \$0.16 per minute is applied for the duration of the
 ride.

Dataset:

There are 13 columns consisting of ride id, rideable type, started at (date and time), ended at (date and time), start station name, start station id, end station name, end station id, start station latitude, start station longitude, end station latitude, end station longitude, and member/casual. There are 284,043 rows.

Questions:

There are three "rideables" in the dataset; electric, classic, and docked. There are several blanks in station names which correlate directly with station id blanks and the corresponding latitude and longitude have 2 decimals or are blank. There is no distinction between single use and day pass rentals. I reached out to Divvy via email at bikedata@lyft.com for clarification.

- Docked bikes are the same as classic bikes. There was a change to the platform in April 2020 when docked bikes were assigned as classic bikes; both are still in circulation.
- Blank station names and ids are because electric bikes do not have to be docked. Current queries round to
 the nearest second decimal place to anonymize the data and reduce location specificity (data
 privacy). When validating I discovered this is true for electric bikes, however, there are still blanks in latitude
 and longitude for classic/docked bikes. However, for all rentals this occurred in only 0.0009% of rentals.
- With the current public datasets there is no way to distinguish between single use and day pass rentals.

Prepare:

Is the data reliable, original, comprehensive, current, and cited? The data is collected by DIVVY. It is reliable, original, as comprehensive as its public availability permits, the data is available for the most current month, the data is original so researching citing is unnecessary.

I asked myself questions to help identify metrics that would provide clear differences between members and casual riders. Is there a difference in high volume days of the week and/or hours of casual vs member riders? Is there a preference for "rideable" type between groups? Is there a difference in the length of rental time between groups? Is there a geographical difference in use between groups? If so, does the geographical difference provide further insight? What additional research will be needed based on docking station locations? What is the revenue that casual riders create from rentals? How much money do members save by having a membership? What is the ratio of members vs casual rider rentals and what are the revenue contributions between groups (is it more profitable to convert casual riders)?

Process:

I removed unnecessary data, added proper formatting, and cleaned the data. Added several columns to prepare for analysis including ride time, ride minutes, a count for casual occurrences, a count for member occurrences, day of the week, price per minute, casual revenue, member revenue, member savings, and the hour that the rental started.

Analyze/Share:

In this step I created 12 pivot tables, 2 pivot charts, and additional tables for further analysis based on results.

Pivot Tables:

- Ratio of rental volume by group.
- · Average time length of a rental by group.
- Percentage of weekday rental volume by group.
- Hourly breakdown of rentals by day of the week between groups as a percentage of weekday totals and as total rentals with sparklines.
- Summary of revenue and savings.
- Revenue and savings by day of the week.
- Four pivot tables for the top 20% of start/end stations between groups and conditional formatting to identify overlap between groups.

Tables:

- Table for the top 20% of start stations between both groups.
- Table for casual vs member rental ratio by hour blocks and days of the week.
- Projected revenue at 5% conversion to determine if the marketing campaign should be pursued.

Tableau:

- Plotted the top 20% of stations on a map and researched the areas for further insight.
- Plotted the electric rentals on a map.
- Chart breaking down projected revenue.
- Chart for rental volume by group.
- Chart for differences in rental time between groups.
- Chart for monthly rental volume and weekday rental volume by group.
- Charted casual vs member and member vs casual rental by weekday and hour.
- Created dashboards and put them into a storyboard based upon results.

Results:

Is the campaign worth pursuing?

Yes, a 5% conversion rate MoM quarterly projects over \$1.5MM revenue increase with a \$92,365 decrease in casual rider revenue excluding marketing costs. The projected net sum is more than \$1.4MM. Annualized over a year the projected net is more than a \$3MM revenue increase.

Note: Available data does not allow filtering for tourists or multi-use casual riders.

A casual user's average rental time is more than double that of members (24 vs 11 minutes). Casual users account for 32% of all rentals and contribute 70% to revenue, excluding revenue from membership fees.

Member's highest rental volumes are normal AM/PM commuting hours Mon-Thu. The casual user's highest volume is Saturday and Sunday afternoon to late afternoon.

The casual to member rental ratio is greatest from 11PM-3AM throughout the week, weekends from 12PM-4PM, and the 2-3PM hour-block displays a high ratio all week. There are 11 occurrences when the ratio is above 100% and 9 of those occurrences take place between 1-3AM, 6 of the occurrences were on weekdays. The other two are Saturday 2-4PM.

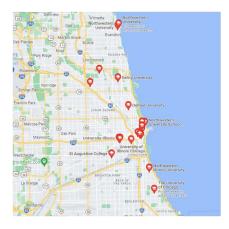
The highest concentration of non-docked electric rentals overlaps the top 20% of docking stations. The top 20% of casual rental docking stations are in Magnificent Mile, Gold Cost Historic District, Near North Side, Chicago Loop, and the east side of Greektown. These areas are well known for bars, restaurants, entertainment, arts, various tourist attractions, and contain the highest concentration of universities with 18 of the 29 universities in the city. Member usage has a small concentration outside of this area and it is at the University of Chicago to the south. Another trend is the abundance of L-Train stations near the top 20% of docking stations. There is less rental

volume variance between docking stations for members than that of casual users. Streeter Dr & Grand Ave is the most popular docking station for casual users, it has 167% more rentals than the next highest volume station, DuSable Lake Shore Dr & Monroe St. Streeter Dr & Grand Ave is adjacent to Navy Pier, a very popular destination for tourists and locals.

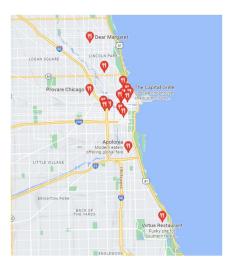
Top 20% of Stations



University Locations (Google Maps)



Restaurants (Google Maps):



Act:

Tourists:

According to the Chicago government, in 2021 Chicago received 30.7MM tourists. The population of Chicago is 2.7MM. The geographic locations of the top 20% of docking stations overlay Chicago's top tourist destinations. Peak casual rental volume occurs on the weekends when people close to Chicago may take a weekend trip. Providing a 2-day or 7-day temporary membership pass for tourists that is less expensive than daily pass fees could encourage tourists to purchase a 2-day or 7-day "membership". Marketing this digitally through travel booking agencies would increase exposure. Much like adding a car rental or hotel on an airline ticket booking site. They can also partner with local hotels.

Shift Employees:

The 3PM and 11AM-3AM casual vs member rental ratio aligns with shift work commuting hours. Geographically the top station locations are in a part of town densely concentrated with establishments that operate in shifts. The L-train stations near high volume casual rental stations could indicate commuters from other parts of the city. I suggest a digital marketing campaign targeted at these employees citing how much money members save in fees, the 600+ stations throughout the city, and offer an employee discount and/or a free trial.

University Students:

There is a high concentration of universities and university students are less likely to own a car and have discretionary income, DIVVY could be the perfect fit. College students respond remarkably well to digital marketing campaigns. Historical success in marketing to this demographic includes free trials, authenticity, witty, and short impactful ads. Studies show that the current college generation has a strong sense of brand loyalty, and the best customer is a return customer. Market DIVVY as a less expensive option to rideshares and taxis, a quick and convenient way to get to class or around town, and a green alternative with a smaller footprint than gas vehicles. Partner with local colleges and universities, offer a free trial and/or a student discount, and advertise on campuses as well.

Diners:

There is a high concentration of restaurants overlaying the top 20% of stations. The 11AM-3AM casual vs member rental ratio is the highest and is not weekend dependent. These are common hours for evening socializing, going to restaurants, and bars. In Illinois restaurants that serve alcohol and bars close at 2 AM Monday-Thursday and 3AM Friday and Saturday, excluding the 123 locations that have late liquor licenses. A 1.2-mile Uber ride from Streeter Dr & Grand Ave to The Art Institute of Chicago is estimated to range from \$8.41 to \$10.30, basically the monthly cost of a membership. Partner with restaurants, advertise on QR codes and table tents. DIVVY could also offer a rental discount with proof of purchase at participating restaurants and the restaurants could as well. This would expose DIVVY to new casual riders that in turn may become members and funnel customers to participating restaurants.

Excel Walkthrough:

- Created a new sheet to pull all the data in as a function (=A1) so I can clean efficiently. Pulled through all
 rows and columns.
- Delete ride id, start station id and end station id.
- Verified there are no duplicates using ride id and remove duplicates in data validation.
- Inserted row above headers, used COUNTBLANK to count blanks
 - start station name= 16260
 - o end station name= 17927
- Find and replace all occurrences of docked bike to classic bike.
- Use 'Find and Select Go To Special' and replace start station blanks with Electric Pickup, replace end station blanks with Electric Dropoff. Filter electric_pickup/dropoff for classic bikes and delete electric pickup/dropoff to account for the .0009% of blanks.
- Converted text columns to text
 - Verified with ISTEXT function.
- Ran trim on all text strings. Added column and used functions CODE and RIGHT to verify that there are no
 trailing unprintable characters. Repeated with CODE and LEFT looking for spaces and other unprintable
 characters. Everything ended in correct ASCII code, there are no unprintable characters in text strings.
 Deleted columns.
 - o =CODE(RIGHT(CELL, 1))
 - o =CODE(LEFT(CELL, 1))
- Changed dates to date time and numbers to numbers
- Convert to table and add named ranges.
- Additional columns for analysis:
 - Add column ride time (establishing time length of rental)
 - =[@[ended at]]-[@[started at]]
 - Add column ride minutes (converting ride time to minutes)
 - =[@[ride time]]*1440
 - Used number filter on ride_minutes and deleted all rides violating DIVVY rental policy and potential false starts (over 24 hours and less than 60 seconds).
 - Add column casual_count (for use in pivot tables).
 - =IF([@[member casual]]="casual",1,0)
 - Add column member count (for use in pivot tables).
 - =IF([@[member casual]]="member",1,0)
 - Add column weekday
 - =TEXT([@[started at]],"ddd")
 - Add column price per minute.
 - =IFS(AND([@[member_casual]]="casual",[@[rideable_type]]="classic_bike"),0.16,AND([@[member_casual]]="casual",[@[rideable_type]]="electric_bike"),0.39,AND([@[member_casual]]="member"),0.16)
 - o Add column casual cost
 - = (IFS(AND([@[member_casual]]="casual",[@[rideable_type]]="classic_bike"),[@[price/minute]]*[@[ride_minutes]]+1,AND([@[member_casual]]="casual",[@[rideable_type]]="electric_bike"),[@[price/minute]]*[@[ride_minutes]]+1,AND([@[member_casual]]="member"),0))
 - Add column member_cost (single rides exceeding 45 minutes)
 - = IFNA(IFS(AND([@[member_casual]]="member",[@[ride_minutes]]>45,[@[rideable_type]] = "classic_bike"),[@[ride_minutes]]*[@[price/minute]],AND([@[member_casual]]="member ",[@[rideable_type]]="electric_bike"),[@[ride_minutes]]*[@[price/minute]]),0)
 - o Add column member savings (single rides under 45 minutes).

- =IFNA(IFS(AND([@[member_casual]]="member",[@[ride_minutes]]<45,
 [@[rideable_type]]="classic_bike"),[@[ride_minutes]]*[@[price/minute]],AND([@[member_casual]]="member",[@[rideable_type]]="electric_bike"),1),0)
- o Add column hour
 - =HOUR([@[started at]])

Pivot Tables:

- Created four pivot tables identifying the top 20% start and end stations for each user group.
 - Applied nested IF and Match functions to identify station overlaps. Applied conditional formatting to highlight no overlap within groups and to highlight if there is an overlap between groups.
 - ie: =IFNA(IF(MATCH(A4,\$D\$4:\$D\$25,0),"Yes"),"No")
 - Created a new sheet to consolidate the top 20 percent of stations. Copied casual start and end stations into one column and removed duplicates. Repeated for members and merged into one table.
- Created Pivot Table to see difference in the volume of rentals between groups.
 - Inserted Pivot Chart.
- Created pivot table to see trends and differences between members vs casual over days of the week.
 - Inserted pivot line chart.
- Created pivot table to look at hourly use by day of the week. Added sparklines for visual of varying trends.
 - Copied and pasted into new sheet. Created a row for each hour block to calculate casual vs member rental ratio. Applied conditional formatting highlighting casual vs member ratio greater than 90% or less than 32%.
- Created pivot table looking at casual rental costs and members saving/costs for month. Repeated for days
 of the week.
- Created pivot for rideable popularity between groups.

Projected Revenue

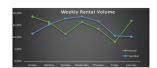
- Created a column for months and a column for monthly casual revenue.
- Created column "Adjusted Casual Count" reducing rentals by 5% monthly.
 - o =(Casual Count * .95)
- Created column "Converted to Member" for number of members coverted
 - =(Adjusted Casual Count * .05)
- Created column "Revenue from Fees"
 - o =(Converted to Member * 119)
- Created column "Increase in Mem Revenue"
 - o =(Converted to Member * .99)
 - \$0.99 is the revenue per member rental
- Created column "Adjusted Mem Revenue"
 - =(Revenue from Fees + Increase in Mem Revenue)
- Created column "Adjusted Casual Rev"
 - =(Adjusted Casual Count * 7.04)
 - \$7.04 is revenue per casual rental.
- Created Column "Casual Revenue Decrease"
 - =(Casual Revenue Adjusted Casual Rev)
- Created table summing the increase in monthly member revenue and revenue from fees and subtracted the sum of decrease in casual revenue for projected net sum revenue.

rideable_type	started_at ended_at start_station_name end_station_name	start_lat	start_lng	end_lat	end_lng member_casual	casual_count member_cour ride_tim	ne ride_minutes weekday	base_rate price/mini casual_cos member_	costs member_s hour
electric bike	######################################	41.886875	-87.62603	41.88917683	-87.6385058 member	0 1	0:01:00 1 Thu	0 0.16 \$ -	0.16 1 9
electric bike	липплиния ппплиния Clark St & Lake St Clark St & Lake St	41.90099767	-87.62375167	41.898203	-87.637536 member	0 1	0:01:00 1 Sat	0 0.16 \$ -	0.16 1 22
electric bike	яниняниня инияниния Montrose Harbor	41.978353	-87.659753	41.98404461	-87.6602738 casual	1 0	0:01:00 1 Tue	1 0.39 \$ 1.39	0 0 10
electric bike	######################################	41.886875	-87.62603	41.87770796	-87.6353211 casual	1 0	0:01:00 1 Sat	1 0.39 \$ 1.39	0 0 9
classic bike	жиниятиминя жинятиминя Canal St & Jackson Blvd Canal St & Adams St	41.911722	-87.626804	41.877945	-87.662007 member	0 1	0:01:00 1 Tue	0 0.16 \$ -	0 0.16 19
classic bike	#####################################	41.91801814	-87.65218198	41.920771	-87.663712 member	0 1	0:01:00 1 Mon	0 0.16 \$ -	0 0.16 15
classic_bike	яниняниния инияниния Wolcott Ave & Polk St Wood St & Taylor St (Temp)	41.91791617	-87.65206017	41.920771	-87.663712 member	0 1	0:01:00 1 Tue	0 0.16 \$ -	0 0.16 17
classic bike	######################################	41.911722	-87.626804	41.93132	-87.638742 member	0 1	0:01:00 1 Thu	0 0.16 \$ -	0 0.16 8
electric bike	########### ######### Western Ave & Division: Leavitt St & Division St	41.91554415	-87.68706989	41.91057803	-87.6494219 member	0 1	0:01:00 1 Tue	0 0.16 \$ -	0.16 1 6
classic bike	#####################################	41.92154	-87.653818	41.94454	-87.654678 member	0 1	0:01:00 1 Fri	0 0.16 \$ -	0 0.16 8
classic bike	######################################	41.886875	-87.62603	41.87207763	-87.6295438 member	0 1	0:01:00 1 Wed	0 0.16 S -	0 0.16 10
classic bike	######################################	41.88871604	-87.64444785	41.890762	-87.631697 member	0 1	0:01:00 1 Tue	0 0.16 S -	0 0.16 13
classic bike	######################################	41.8868955	-87.626685	41.893992	-87.629318 member	0 1	0:01:00 1 Sat	0 0.16 S -	0 0.16 16
electric bike	########## ######### Wells St & Evergreen Av Wells St & Evergreen Ave	41.90963467	-87.64813667		-87.6768422 member	0 1	0:01:00 1 Mon		0.16 1 15
electric bike	######################################	41.8868215	-87.62601617	41.857611		0 1	0:01:00 1 Mon		0.16 1 10
electric bike	######################################	41.911664	-87.62675967	41.795212	-87.580715 member	0 1	0:01:00 1 Fri	0 0.16 S -	0.16 1 15
classic bike	######################################	41.911722	-87.626804	41.912133	-87.634656 member	0 1	0:01:00 1 Thu	0 0.16 S -	0 0.16 8
classic bike	######################################	41.888716	-87.644448	41 87184	-87.64664 casual	1 0	0:01:00 1 Sun	1 0.16 \$ 1.16	0 0 12
electric bike	######################################	41.88871604	-87,64444785	41.87184	-87.64664 casual	1 0	0:01:00 1 Tue	1 0.39 \$ 1.39	0 0 19
classic bike	########## ######### Broadway & Cornelia Av Broadway & Cornelia Ave	41.88871604	-87.64444785	41.87184	-87.64664 member	0 1	0:01:00 1 Mon	0 0.16 S -	0 0.16 6
classic bike	######################################	42.01256012	-87.67436712	42.004583	-87 661406 casual	1 0	0:01:00 1 Mon	1 0.16 \$ 1.16	0 0 15
electric bike	######################################	41,9097693	-87.70528049	41.871262		0 1	0:01:00 1 Tue		0.16 1 9
classic bike	######################################	41.85308456	-87.6319313	41.83452989	-87 631823 member	0 1	0:01:00 1 Mon	0 0.16 S -	0 0.16 17
classic bike	######################################	41.88695783	-87.62622667	41.89766	-87.62351 member	0 1	0:01:00 1 Sun	0 0.16 S -	0 0.16 10
classic bike	######################################	41.886875	-87.62603	41.884728		0 1	0:01:00 1 Sun	0 0.16 S -	0 0.16 8
electric bike	ENDOTES AND	41.968885	-87.684001	42.032562		0 1	0:01:00 1 Mon		0.16 1 11
electric bike	***************************************	41.911722	-87.626804	41.925602		0 1	0:01:00 1 Milli		0.16 1 5
electric bike	######################################	41.886616	-87.65804	41.973348		0 1	0:01:00 1 Fri		0.16 1 20
electric bike	######################################	41.911722	-87.626804	41.926277		1 0	0:01:00 1 Fri	1 0.39 \$ 1.39	0 0 11
	######################################	41.911722	-87.626804 -87.648128	41.926277	-87.630834 casual -87.648755 member	0 1	0:01:00 1 Fri		0.16 1 13
electric bike	***************************************	41.909668	-87.648128 -87.63850577	41.913865	-87.648755 member -87.633094 casual	1 0		0 0.16 \$ - 1 0.39 \$ 1.39	
electric bike electric bike	***************************************	41.88917683	-87.63850577	41.87502363	-87.653094 Casual -87.659172 member	0 1	0:01:00 1 Mon 0:01:00 1 Sun		0 0 21 0.16 1 15
classic bike	######################################	41.88661649	-87.65803993	41.883165	-87.6511 casual	1 0	0:01:00 1 Sun	1 0.16 \$ 1.16	0 0 16
electric bike	######################################	41.88551649	-87.658U3993 -87.62518017	41.883165	-87.6511 Casual -87.64117 member	0 1	0:01:00 1 Sun 0:01:00 1 Tue		0.16 1 17
	######################################	41.89533617	-87.62518017 -87.62637817	41.88338	-87.64117 member -87.64117 member	0 1		0 0.16 \$ -	
classic bike									
classic bike	######################################	41.954177	-87.664358	41.99416137		0 1	0:01:00 1 Sun 0:01:00 1 Wed	0 0.16 \$ -	0 0.16 14
electric bike		41.838842	-87.621857	41.838842					0.16 1 7
electric bike	инининини инининини Wells St & Polk St Wells St & Polk St	41.91564633	-87.68696267	41.939408		0 1	0:01:00 1 Sat		0.16 1 16
classic bike	############################# Elston Ave & Cortland St Walsh Park	41.838556	-87.608218	41.852619		0 1	0:01:00 1 Sat	0 0.16 \$ -	0 0.16 11
electric_bike	жинияниния жинияниния Benson Ave & Church St Benson Ave & Church St	41.86865067	-87.68623533	41.871514		0 1	0:01:00 1 Mon		0.16 1 13
classic bike	жишилижини жишилижини Shore Dr & 55th St Shore Dr & 55th St	41.88661649	-87.65803993	41.884241			0:01:00 1 Tue	1 0.16 \$ 1.16	
classic bike	######################################	41.88658617	-87.65852883	41.925858		1 0	0:01:00 1 Tue	1 0.16 \$ 1.16	0 0 6
classic bike	жишилинини жишилинини Wells St & Evergreen Av Wells St & Evergreen Ave	41.886726	-87.626306	41.857813	-87.62455 casual	1 0	0:01:00 1 Sat	1 0.16 \$ 1.16	0 0 12
electric bike	########## ######## Milwaukee Ave & Grand Milwaukee Ave & Grand Ave	41.887345	-87.62623917	41.93258963		1 0	0:01:00 1 Sun	1 0.39 \$ 1.39	0 0 15
electric bike	######################################	41.911722	-87.626804	41.90096		1 0	0:01:00 1 Sat	1 0.39 \$ 1.39	0 0 10
electric bike	######################################	41.802406	-87.586924	41.809835		0 1	0:01:00 1 Mon		0.16 1 16
electric bike	лишилинини лишилинини Rockwell St & 57th St Rockwell St & 57th St	41.968885	-87.684001	41.95469	-87.67393 member	0 1	0:01:00 1 Sat		0.16 1 12
electric_bike	######################################	41.96677876	-87.70806181	41.901315		1 0	0:01:00 1 Mon	1 0.39 \$ 1.39	0 0 15
electric bike	жишининин жишининин Clinton St & Washingtor Clinton St & Washington Blvd	41.911722	-87.626804	41.954383	-87.648043 member	0 1	0:01:00 1 Tue		0.16 1 19
classic bike	инининини инининини Clark St & Armitage Ave Clark St & Armitage Ave	41.911722	-87.626804	41.954383		0 1	0:01:00 1 Fri	0 0.16 \$ -	0 0.16 16
classic bike	########## ######### Orleans St & Chestnut St Franklin St & Chicago Ave	41.914166	-87.716755	41.91461		0 1	0:01:00 1 Wed	0 0.16 \$ -	0 0.16 6
classic bike	ининининин инининини Michigan Ave & Washing Michigan Ave & Washington St	41.945529	-87.646439	41.956057		1 0	0:01:00 1 Wed	1 0.16 \$ 1.16	0 0 14
electric bike	********** ****************************	41.909668	-87.648128		-87.6496178 member	0 1	0:01:00 1 Sat		0.16 1 18
electric bike	********** ****************************	41.88661649	-87.65803993		-87.6510246 member	0 1	0:01:00 1 Thu		0.16 1 16
electric bike	*********** **********	41.954177	-87.664358		-87.6464528 member	0 1	0:01:00 1 Wed		0.16 1 18
electric bike	*********** **********	41.9783268	-87.65973842	41.98974251		1 0	0:01:00 1 Mon	1 0.39 \$ 1.39	0 0 16
classic_bike	########## ######### Lakeview Ave & Fullerto Lakeview Ave & Fullerton Pkwy	41.97842062	-87.65975714		-87.6601406 member	0 1	0:01:01 1.02 Tue	0 0.16 \$ -	0 0.1632 18
classic bike	########## ######### Orleans St & Hubbard St Kingsbury St & Kinzle St	41.954177	-87.664358	41.968812		0 1	0:01:01 1.02 Tue	0 0.16 \$ -	0 0.1632 13
electric bike	жинияниния инияниния Larrabee St & Kingsbury Larrabee St & Kingsbury St	41.89576475	-87.62590803	41.89637337	-87.6609839 member	0 1	0:01:01 1.02 Mon	0 0.16 \$ - 0.:	1632 1 17
electric bike	жинияниния жиняниния May St & Cullerton St May St & Cullerton St	41.89724517	-87.6211655	41.89576475	-87.625908 member	0 1	0:01:01 1.02 Tue	0 0.16 \$ - 0.:	1632 1 18
electric bike	жинияниния жиняниния Sheffield Ave & Kingsbury St	41.93539143	-87.71684718	41.929465	-87.684158 member	0 1	0:01:01 1.02 Wed	0 0.16 \$ - 0.:	1632 1 9
electric bike	ининининини ининининин Kingsbury St & Erie St Kingsbury St & Erie St	41.838842	-87.621857	41.867227	-87.625961 member	0 1	0:01:01 1.02 Mon		1632 1 18
electric bike	жинияниния жиняниния Clifton Ave & Armitage / Clifton Ave & Armitage Ave	41.9455855	-87.646389	41.979851	-87.681932 member	0 1	0:01:01 1.02 Tue	0 0.16 \$ - 0.1	1632 1 20
electric bike	######################################	42.050491	-87.677821	42.048214		0 1	0:01:01 1.02 Wed		1632 1 15
classic bike	########## ######## Larrabee St & Kingsbury Larrabee St & Oak St	41.93574667	-87.6636355	41.93588	-87.67842 member	0 1	0:01:01 1.02 Fri	0 0.16 S -	0 0.1632 16
	V, Martin Committee								



	Casual vs Mem	ber Rentals	
	31.59%		
_			

	Percent of Rent	als by weeku	ay	
Weekly Rental Volume	Column Labels			
Row Labels	casual	member	Grand	Total
Sunday	18.4	4%	11.37%	13.60%
Monday	16.0	8%	15.17%	15.45%
Tuesday	11.3	0%	17.72%	15.69%
Wednesday	16.1	9%	18.52%	17.78%
Thursday	13.3	7%	16.55%	15.55%
Friday	7.9	6%	10.56%	9.74%
Saturday	16.6	8%	10.12%	12.19%



					Hourly Percent of 1	Total Rides				
ow Labe		Column Labels Sunday	Monday Tu	esday 1	Wednesday	Thursday	Friday	Saturday	Grand Total	Sparklines
12 AM										
	Sum of casual_count	0.30%	0.09%	0.12%	0.11%	0.15%	0.20%	0.22%	1.19%	
	Sum of member_coun	0.16%	0.06%	0.08%	0.08%	0.09%	0.10%	0.16%	0.73%	
1 AM										S
	Sum of casual_count Sum of member coun	0.25%	0.06%	0.06%	0.05%	0.12%	0.10%	0.18%	0.83%	
2 AM	sum or member_coun	0.11%	0.03%	0.04%	0.03%	0.05%	0.05%	0.11%	0.43%	
1 Am	Sum of casual_count	0.14%	0.05%	0.04%	0.04%	0.05%	0.07%	0.11%	0.50%	V
	Sum of member coun	0.06%	0.02%	0.03%	0.02%	0.02%	0.03%	0.07%	0.23%	<u></u>
3 AM										
	Sum of casual_count	0.11%	0.03%	0.03%	0.03%	0.04%	0.04%	0.06%	0.33%	· · · · ·
4 AM	Sum of member coun	0.06%	0.02%	0.02%	0.02%	0.02%	0.02%	0.05%	0.21%	
	Sum of casual_count	0.04%	0.04%	0.03%	0.03%	0.04%	0.04%	0.02%	0.25%	-
	Sum of casour_count	0.03%	0.03%	0.04%	0.04%	0.04%	0.03%	0.03%	0.24%	
5 AM	Julii di member codii	0.03%	0.0074	0.0431	0.04%	0.04.4	0.03/4	0.0374	0.24%	
	Sum of casual_count	0.05%	0.06%	0.08%	0.09%	0.08%	0.06%	0.05%	0.47%	
	Sum of member_coun	0.04%	0.18%	0.25%	0.25%	0.19%	0.13%	0.03%	1.07%	
6 AM										
	Sum of casual_count	0.09%	0.15%	0.20%	0.21%	0.20%	0.12%	0.08%	1.05%	
7 AM	Sum of member_coun	0.08%	0.40%	0.62%	0.67%	0.55%	0.36%	0.09%	2.76%	_
	Sum of casual count	0.15%	0.33%	0.42%	0.54%	0.57%	0.25%	0.11%	2 38%	
	Sum of member_coun	0.17%	0.85%	1.34%	1.45%	1.28%	0.73%	0.21%	6.04%	
8 AM										
	Sum of casual_count	0.23%	0.41%	0.52%	0.69%	0.75%	0.33%	0.24%	3.17%	
	Sum of member coun	0.27%	1.00%	1.52%	1.68%	1.52%	0.78%	0.31%	7.09%	
9 AM				0.41%	0.48%	0.44%				
	Sum of casual_count	0.40%	0.36%	0.41%	0.48%	0.44%	0.31%	0.47%	2.87% 4.39%	
10 AM	Sum of member coun	0.40%	0.53%	0.73%	0.92%	0.78%	0.52%	0.51%	4.39%	
	Sum of casual count	0.77%	0.40%	0.39%	0.50%	0.49%	0.38%	0.72%	3.66%	\
	Sum of member coun	0.67%	0.46%	0.56%	0.66%	0.63%	0.47%	0.59%	4.05%	~~~
11 AM										
	Sum of casual_count	1.17%	0.71%	0.45%	0.61%	0.64%	0.49%	1.12%	5.20%	~
	Sum of member_coun	0.78%	0.62%	0.68%	0.70%	0.71%	0.59%	0.74%	4.82%	~~~~
12 PM	Sum of casual count	1.58%	0.90%	0.68%	0.80%	0.75%	0.57%	1.55%	6.83%	S
	Sum of member_coun	0.94%	0.73%	0.87%	0.87%	0.86%	0.65%	0.88%	5.81%	V
1 PM										
	Sum of casual_count	1.82%	0.99%	0.70%	0.86%	0.92%	0.51%	1.82%	7.63%	~~~
	Sum of member_coun	0.96%	0.75%	0.89%	0.86%	0.81%	0.55%	0.94%	5.76%	
2 PM										·
	Sum of casual_count	2.12%	1.15%	0.81%	1.09%	0.99%	0.51%	1.97%	8.65%	A
3 PM	Sum of member coun	1.05%	0.80%	0.81%	0.86%	0.83%	0.58%	0.90%	5.83%	-
37181	Sum of casual_count	2.23%	1.47%	0.95%	1.28%	1.04%	0.55%	1.79%	9.31%	
	Sum of member coun	1.12%	1.07%	1.12%	1.05%	1.09%	0.68%	0.82%	6.95%	
4 PM										
	Sum of casual_count	2.08%	1.77%	1.09%	1.68%	1.20%	0.67%	1.57%	10.06%	
	Sum of member coun	1.09%	1.59%	1.76%	1.67%	1.51%	0.93%	0.82%	9.37%	_
5 PM		1.57%	2.33%	1.28%	2.11%	1.43%	0.78%	1.29%	10.77%	-
	Sum of casual_count Sum of member coun	1.57%	2.33%	2 18%	2.11%	1.43%	1.02%	1.29%	10.77%	
6 PM	Julii or member_coun	2.02.0	2.00%	2.200	2.27.0	1.00%	2.02.0	0.70%	11.01.0	
	Sum of casual_count	1.28%	1.82%	0.97%	1.75%	1.15%	0.62%	0.95%	8.54%	-
	Sum of member_coun	0.81%	1.56%	1.54%	1.69%	1.33%	0.83%	0.59%	8.35%	
7 PM										
	Sum of casual_count	0.74%	1.07%	0.65%	1.11%	0.65%	0.38%	0.76%	5.37%	
8 PM	Sum of member_coun	0.59%	0.97%	0.98%	1.07%	0.80%	0.51%	0.48%	5.40%	-
	Sum of casual count	0.49%	0.70%	0.45%	0.73%	0.45%	0.25%	0.38%	3.44%	
	Sum of member coun	0.36%	0.60%	0.43%	0.73%	0.45%	0.25%	0.31%	3.52%	-
9 PM	Julii di member codii	0.30%	0.00%	0.0330	0.72.4	0.33%	0.34%	0.31%	2.32.0	
	Sum of casual_count	0.37%	0.56%	0.35%	0.50%	0.41%	0.23%	0.37%	2.78%	-
	Sum of member coun	0.27%	0.44%	0.50%	0.48%	0.46%	0.26%	0.28%	2.70%	
10 PM										
	Sum of casual_count	0.27%	0.41%	0.37%	0.49%	0.43%	0.22%	0.48%	2.67%	
	Sum of member coun	0.19%	0.24%	0.36%	0.35%	0.35%	0.18%	0.28%	1.96%	_
11 PM	Sum of casual count	0.19%	0.28%	0.22%	0.39%	0.36%	0.29%	0.38%	2.05%	-
	Sum of casual_count Sum of member coun	0.19%	0.23%	0.22%	0.39%	0.36%	0.29%	0.38%	2.05%	
	n of casual_count	18.44%	16.08%	11.30%	16.19%	13.37%	7.96%	16.68%	100.00%	
Total Sun	n of member_count	11.37%	15.17%	17.72%	18.52%	16.55%	10.56%	10.12%	100.00%	-
Max Cass	aal	2.225%	1.277%	1.277%	2.106%	1.430%	0.775%	1.974%	10.772%	
Min Casu		0.045%	0.026%	0.026%	0.029%	0.044%	0.036%	0.025%	0.252%	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Max Men		1.124%	2.062%	2.177%	2.172%	1.856%	1.023%	1.023%	11.008%	
Min Men	nber	0.029%	0.018%	0.022%	0.016%	0.017%	0.024%	0.028%	0.206%	

No. Section								otal Rides	Hourly Count of T							
No. Section																
124M	casual_count Total Sum of member_count	Total Sum of casual_count														
1 AM									Sum of member_count	Sum of casual_count						
2AM 125 124 49 34 39 49 12 11 14 40 14 15 17 44 15 18 18 19 49 12 14 40 14 15 17 44 15 18 18 18 18 18 18 18 18 18 18 18 18 18						180			148			107				
1 MA				161		93		106	65		5 74	. 55	51			
4AM 40 56 32 54 29 80 30 80 40 70 31 66 22 54 226 55 55 54 32 54 32 55 54 32 54 32 55 54 32 54 3				96	54	60		. 46	3:		9 41	39	34			
5AM 42 75 54 356 74 477 42 480 72 372 14 346 44 67 422 456 466 47 4 14 14 14 14 14 14 14 14 14 14 14 14 1			95		47	32		. 39	3:	2 26	3 42	23				
6AM 78 152 138 772 178 1398 26 1298 279 279 279 279 279 279 279 279 279 279			54		66	33		40	80	0 30	9 80	25				
7AM 18 132 200 167 176 296 45 247 512 244 20 136 32 407 231 BAM 265 513 134 146 46 470 240 152 24 22 244 232 147 612 248 9AM 135 72 12 126 127 141 48 178 20 142 244 120 443 192 246 240 244 120 443 192 246 240 244 120 443 192 246 240 244 240 2			67													
BAM 265 338																
9.MA 9.55 7.82 9.22 125 127 141 43 177 139 152 22 12 100 449 992 256 120 120 120 120 120 120 120 120 120 120																
151AM 568 1550 634 158 402 1510 452 1772 439 1223 341 334 648 1248 1335 131AM 558 159 644 159 465 151 555 576 1383 448 116 116 1004 1464 4652 1774 1774 1775 1775 1775 1775 1775 1775																
114M																
12PM 1414 1312 807 1425 630 1499 720 1595 634 1588 511 1256 1397 1700 6323 170																
1M 1633 1858 86 146 611 170 774 1661 122 1599 460 2071 1595 1830 684 2 PM 1896 2012 1099 155 729 1595 1575 889 1681 441 1139 1770 1744 737 3 PM 1965 2122 1122 2068 840 2126 1147 2041 915 2125 465 1327 1693 1979 8346 4 PM 1862 2117 1599 3043 196 3425 1530 324 195 2125 662 1314 1468 1593 8346 5 PM 1407 279 2084 403 116 4275 1888 417 2121 3693 65 1986 1132 1156 967 5 PM 1112 119 160 183 128 128 128 128 128 128																
2 PM 1899 2012 1009 154 729 1542 976 1275 889 1518 461 1139 1770 1246 7753 7874 1130 1246 7753 7874 1130 1246 7753 7874 1130 1246 7753 7874 1130 1246 7753 7874 1130 1246 7753 7874 1130 1246 7753 7874 1130 1246 7753 7874 1130 1246 7																
3 M																
4M 4M 48G 2117 1398 305 976 345 1530 1240 1075 202 62 1344 1408 1393 9022 55M 347 1798 2088 440 1145 425 1380 4171 1242 363 66 1386 1152 1356 9675 67M 1515 1579 1699 3022 874 2875 1256 1258 1033 1255 555 1565 151 124 9768 177M 66 1138 157 160 155 154 154 160 155 126 155 126 155 156 156 156 156 156 156 156 156 15																
5 MM 1407 1978 2088 400 1145 4275 1288 4427 1282 503 695 1386 1352 1295 965 66M 1513 1579 1629 502 644 2365 1586 1431 123 1255 965 67M 1513 1579 1629 502 644 2365 1565 1288 133 1265 555 1265 685 1444 7656 77M 1514 1514 1514 1514 1514 1514 1514 151																
6M 1151 1579 1499 3021 E14 286 1565 1288 1333 2385 555 1566 851 1144 7668 77M 66 6 1318 957 180 548 18184 965 281 548 1551 134 90 660 938 411154 87M 87M 457 160 285 157M 450 1266 651 1396 401 1075 221 661 341 601 3000 939 93M 134 157M 157M 157M 157M 157M 157M 157M 157M																
7 MM 666 1138 957 1802 584 1804 996 2011 536 1551 342 990 660 938 4811 8 MM 477 692 665 1171 403 1236 651 1396 401 1075 221 661 341 603 3000 99M 383 353 539 500 850 334 979 461 935 357 801 202 550 328 5-66 2080																
#FM 417 692 656 1171 403 1226 651 1396 401 12975 22 661 341 663 3300 59M 313 529 550 158 518 518 519 519 521 553 128 546 2485	7658 16209															
9 MM 333 529 500 850 314 979 451 935 367 891 202 503 328 546 2495																
	2495 5233															
	2396 3802		541	428	356	200	683		673							10 PM 244
	1840 2510															
Grand Total 16527 22062 14412 29438 10127 34397 14510 35949 11985 32135 7137 20490 14949 19644 89647	89647 194115	89647	19644	14949	20490	7137	32135	11985	35949	7 14510	7 34397	10127	29438	2 14412	2206	Grand Total 16527

| Sum of casual_cost | Sum of member savinz Sum of member_costs | \$ 621,295.14 | \$ 266,033.42 | \$ 189,826.80

length_start	(Multiple Items)				
	Casu	al: Top 2	20% Start St	ations	
Row Labels	Sum of casual_coun			Latitude	Longitude
Streeter Dr & Grand	2393	Yes	No	41.8924761114257	-87.612123789955
DuSable Lake Shore	1430	Yes	No	41.8811736336955	-87.616721534156
Millennium Park	1157	Yes	No	41.8813908331593	-87.624256053470
Shedd Aquarium	934	Yes	No	41.8688358532345	-87.615547861328
Michigan Ave & Oak	775	Yes	No	41.9010913020675	-87.623753136611
DuSable Lake Shore	631	Yes	No	41.9118979819810	-87.626906789145
Theater on the Lake	593	Yes	No	41.9266185038677	-87.631062495109
Indiana Ave & Roose	562	Yes	No	41.8680792297210	-87.623121511081
Wells St & Concord	533	Yes	Yes	41.9123405623043	-87.634730926735
Michigan Ave & Was	530	Yes	Yes	41.8840517109334	-87.624748023730
Wells St & Elm St	506	Yes	Yes	41.9033575929013	-87.634336611956
Dusable Harbor	501	Yes	No	41.8892420058690	-87.612950851796
New St & Illinois St	487	Yes	No	41.8940031962983	-87.619230147220
Clark St & Armitage	475	Yes	No	41.9207997062424	-87.636963434923
Clark St & Lincoln Av	467	Yes	No	41.9184857228446	-87.635081638252
Adler Planetarium	462	Yes	No	41.8692567421796	-87.607865981147
Wabash Ave & Gran	440	Yes	Yes	41.8949031655137	-87.627197083395
Michigan Ave & Lake	439	Yes	No	41.8889939388868	-87.624588966821
Clark St & Elm St	437	Yes	Yes	41.9045697392674	-87.630952069049
Damen Ave & Pierce	400	Yes	No	41.9108714366849	-87.677869429293
Ashland Ave & Divis	i 387	No	Yes	41.9050532975931	-87.667815820669
Wells St & Evergree	374	No	No	41.9081386537539	-87.635034828798
Michigan Ave & 8th	374	No	No	41.8736670119042	-87.623998856492
Grand Total	15287				

length_start	(Multiple Items)			
	Members Top	20% Star	rt Stations	1
Row Labels	Sum of member_col	atchMember	Latitude	Longitude
Kingsbury St & Kinzi	1765	Yes	**********	-87.6385848810274
University Ave & 57t	1431	Yes	**********	-87.5998945850770
Clinton St & Washin	1420	Yes	**********	-87.6415779656104
Ellis Ave & 60th St	1408	Yes	**********	-87.6010418580451
Clark St & Elm St	1396	Yes	*********	-87.6312502880900
Clinton St & Madisor	1333	Yes	**********	-87.6418203676535
Wells St & Concord I	1158	Yes	**********	-87.6346558960215
Wells St & Elm St	1132	Yes	#########	-87.6343437124586
Dearborn St & Erie S	1132	Yes	**********	-87.6295800644168
Canal St & Adams St	1083	Yes	**********	-87.6400706574745
Wells St & Hubbard	1071	Yes	#########	-87.6343077765811
Wabash Ave & Gran	1054	Yes	#########	-87.6270211289673
Clinton St & Jackson	1030	Yes	#########	-87.6410784144706
Wells St & Huron St	1016	Yes	#########	-87.6343222521812
Sheffield Ave & Fulle	963	Yes	#########	-87.6539197270790
Clinton St & Lake St	960	Yes	#########	-87.6418280875258
Larrabee St & Kingst	954	Yes	**********	-87.6429826686782
Desplaines St & Kinz	947	Yes	#########	-87.6445620286719
Ashland Ave & Divisi	925	Yes	#########	-87.6680745023798
Dearborn St & Monr	925	Yes	**********	-87.6296713149722
Broadway & Barry A	921	Yes	**********	-87.6441198149528
Loomis St & Lexingto	917	Yes	**********	-87.6616531542348
St. Clair St & Erie St	906	Yes	**********	-87.6233880856988
Green St & Madison	895	Yes	**********	-87.6490848972312
Daley Center Plaza	887	Yes	**********	-87.6298155932669
Ellis Ave & 55th St	887	Yes	**********	-87.6015678189183
Wilton Ave & Belmo	884	Yes	##########	-87.6530089190793
Kingsbury St & Erie S	833	Yes	***********	-87.6417813561969
Canal St & Madison	827	Yes	***********	-87.6395905342855
Michigan Ave & Was	822	Yes	##########	-87.6247612864448
Dearborn Pkwy & De	811	No	##########	-87.6299131275686
Grand Total	32693			

length_end	(Multiple Items)			
	Casual: Top 20%	End Stations		
Row Labels	Sum of casual_count	MatchCasualSS	Latitude	Longitude
Streeter Dr & Grand Ave	2364	Yes	41.8924761114257	-87.6121237899559
DuSable Lake Shore Dr & Monroe St	1387	Yes	41.8811736336955	-87.6167215341562
Millennium Park	1209	Yes	41.8813908331593	-87.6242560534700
Michigan Ave & Oak St	849	Yes	41.9010913020675	-87.6237531366113
Shedd Aquarium	842	Yes	41.8688358532345	-87.6155478613286
DuSable Lake Shore Dr & North Blvd	704	Yes	41.9118979819810	-87.6269067891458
Theater on the Lake	623	Yes	41.9266185038677	-87.6310624951090
Indiana Ave & Roosevelt Rd	542	Yes	41.8680792297210	-87.6231215110817
Dusable Harbor	520	Yes	41.8892420058690	-87.6129508517966
Clark St & Armitage Ave	510	Yes	41.9207997062424	-87.6369634349238
Wells St & Concord Ln	492	Yes	41.9123405623043	-87.6347309267359
Michigan Ave & Washington St	489	Yes	41.8840517109334	-87.6247480237301
Wells St & Elm St	456	Yes	41.9033575929013	-87.6343366119560
New St & Illinois St	451	Yes	41.8940031962983	-87.6192301472206
Wabash Ave & Grand Ave	449	Yes	41.8949031655137	-87.6271970833959
Michigan Ave & Lake St	434	Yes	41.8889939388868	-87.6245889668216
Adler Planetarium	429	Yes	41.8692567421796	-87.6078659811475
Clark St & Lincoln Ave	424	Yes	41.9184857228446	-87.6350816382523
Clark St & Elm St	423	Yes	41.9045697392674	-87.6309520690490
Fairbanks Ct & Grand Ave	419	No	41.8920627289758	-87.6206472715077
Damen Ave & Pierce Ave	411	Yes	41.9108714366849	-87.6778694292933
LaSalle St & Illinois St	395	No	41.8911632021161	-87.6319698872644
Grand Total	14822		_	

length_end	(Multiple Items)			
	Members Top 20%	End Stati	ons	
Row Labels	Sum of member_count			
Kingsbury St & Kinzie St	1699	Yes	41.8896257007612	-87.6385848810274
Clinton St & Washington Blvd	1528	Yes	41.8836212341433	-87.6415779656104
University Ave & 57th St	1456	Yes	41.7916484887752	-87.5998945850770
Clinton St & Madison St	1406	Yes	41.8830027245298	-87.6418203676535
Clark St & Elm St	1371	Yes	41.9031324886274	-87.6312502880900
Ellis Ave & 60th St	1334	Yes	41.7852649646342	-87.6010418580451
Wells St & Concord Ln	1187	Yes	41.9123086160268	-87.6346558960215
Canal St & Adams St	1138	Yes	41.8794213914448	-87.6400706574745
Dearborn St & Erie St	1132	Yes	41.8943744331184	-87.6295800644168
Wells St & Elm St	1096	Yes	41.9036871311838	-87.6343437124586
Wells St & Hubbard St	1078	Yes	41.8900862265413	-87.634307776581
Wabash Ave & Grand Ave	1022	Yes	41.8913206599424	-87.6270211289673
Wells St & Huron St	1017	Yes	41.8953039491043	-87.6343222521812
Clinton St & Lake St	989	Yes	41.8858114459412	-87.6418280875258
Larrabee St & Kingsbury St	988	Yes	41.8979002058690	-87.6429826686782
Green St & Madison St	981	Yes	41.8820977654953	-87.6490848972312
Broadway & Barry Ave	973	Yes	41.9375822795298	-87.644119814952
Sheffield Ave & Fullerton Ave	965	Yes	41.9256657367568	-87.6539197270790
Ashland Ave & Division St	964	Yes	41.9039749061641	-87.6680745023798
Clinton St & Jackson Blvd	912	Yes	41.8784922407449	-87.6410784144706
Dearborn St & Monroe St	912	Yes	41.8813748643699	-87.629671314972
St. Clair St & Erie St	910	Yes	41.8944135304328	-87.6233880856988
Ellis Ave & 55th St	899	Yes	41.7943026533793	-87.601567818918
Daley Center Plaza	887	Yes	41.8843029942809	-87.6298155932669
Wilton Ave & Belmont Ave	884	Yes	41.9402329934698	-87.6530089190793
Michigan Ave & Washington St	882	Yes	41.8839631187809	-87.624761286444
Loomis St & Lexington St	862	Yes	41.8721835621258	-87.6616531542348
Canal St & Madison St	860	Yes	41.8828204531624	-87.6395905342855
Desplaines St & Kinzie St	853	Yes	41.8896741464697	-87.6445620286719
Wabash Ave & Roosevelt Rd	850	No	41.8672587504652	-87.6260701878610
Kingsbury St & Erie St	801	Yes	41.8938044425853	-87.6417813561969
Grand Total	32836			

Most Popular	Stations (Top 20%)	
Station Name			member_casual
Streeter Dr & Grand Ave		1 -87.61212379	_
DuSable Lake Shore Dr & Monroe St		3 -87.61672153	
Millennium Park		3 -87.01072133 3 -87.62425605	
Shedd Aquarium		5 -87.61554786	
Michigan Ave & Oak St		3 -87.01334780 3 -87.62375314	
DuSable Lake Shore Dr & North Blvd	41.91189798		
Theater on the Lake		3 -87.02090079 3 -87.63106250	
Indiana Ave & Roosevelt Rd		3 -87.62312151	
Wells St & Concord Ln Michigan Ave & Washington St		87.63473093	
		L -87.62474802	
Wells St & Elm St		9 -87.63433661	
Dusable Harbor		l -87.61295085	
New St & Illinois St		-87.61923015	
Clark St & Armitage Ave		L -87.63696343	
Clark St & Lincoln Ave		2 -87.63508164	
Adler Planetarium		-87.60786598	
Wabash Ave & Grand Ave	41.89490317		
Michigan Ave & Lake St		-87.62458897	
Clark St & Elm St		1 -87.63095207	
Damen Ave & Pierce Ave		-87.67786943	
Ashland Ave & Division St		-87.66781582	
Wells St & Evergreen Ave		-87.63503483	
Michigan Ave & 8th St		L -87.62399886	
Fairbanks Ct & Grand Ave	41.89206273	3 -87.62064727	casual
LaSalle St & Illinois St	41.89116320	-87.63196989	casual
Kingsbury St & Kinzie St	41.88962570	-87.63858488	member
University Ave & 57th St	41.79164849	9 -87.59989459	member
Clinton St & Washington Blvd	41.88362123	3 -87.64157797	member
Ellis Ave & 60th St	41.78526496	-87.60104186	member
Clark St & Elm St	41.90313249	9 -87.63125029	member
Clinton St & Madison St	41.88300272	2 -87.64182037	member
Wells St & Concord Ln	41.91230862	2 -87.63465590	member
Wells St & Elm St	41.90368713	3 -87.63434371	member
Dearborn St & Erie St	41.89437443	3 -87.62958006	member
Canal St & Adams St	41.87942139	-87.64007066	member
Wells St & Hubbard St	41.89008623	3 -87.63430778	member
Wabash Ave & Grand Ave	41.89132066	-87.62702113	member
Clinton St & Jackson Blvd	41.87849224	-87.64107841	member
Wells St & Huron St	41.89530395	-87.63432225	member
Sheffield Ave & Fullerton Ave	41.92566574	-87.65391973	member
Clinton St & Lake St	41.88581145	-87.64182809	member
Larrabee St & Kingsbury St	41.89790021	L -87.64298267	member
Desplaines St & Kinzie St	41.88967415	-87.64456203	member
Ashland Ave & Division St	41.90397491	L -87.66807450	member
Dearborn St & Monroe St	41.88137486	-87.62967131	member
Broadway & Barry Ave	41.93758228	3 -87.64411981	member
Loomis St & Lexington St	41.87218356	-87.66165315	member
St. Clair St & Erie St	41.89441353	3 -87.62338809	member
Green St & Madison St	41.88209777	7 -87.64908490	member
Daley Center Plaza	41.88430299	-87.62981559	member
Ellis Ave & 55th St	41.79430265		
Wilton Ave & Belmont Ave	41.94023299		
Kingsbury St & Erie St	41.89380444		
Canal St & Madison St	41.88282045		
Michigan Ave & Washington St	41.88396312		
Dearborn Pkwy & Delaware Pl	41.89897403		
Wabash Ave & Roosevelt Rd	41.86725875		
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		Casual Ho	urly Renta	l Percent o	of Total			
	nday M	onday Tu	esday W	ednesday Th	ursday Fri	iday Sa	turday Gr	and Total
12 AM	266	85	107	97	127	180	193	1065
Sum of casual_count Sum of member_count	319	122	163	148	137 168	196	307	1065 1423
Casual Percent	83.39%	69.67%	65.64%	65.54%	81.55%	91.84%	62.87%	74.84%
1 AM								
Sum of casual_count Sum of member_count	226 222	51 51	55 74	48 65	106 100	93 100	161 214	740 826
Casual Percent	101.80%	100.00%	74.32%	73.85%	106.00%	93.00%	75.23%	89.59%
2 AM								
Sum of casual_count	125	49	39	32	46	60	96	447
Sum of member_count Casual Percent	124 100.81%	34 144.12%	49 79.59 %	31 103.23%	34 135.29%	54 111.11%	75.59%	453 98.68%
3 AM			10.00.00					
Sum of casual_count	102	23	23	26	39	32	50	295
Sum of member_count Casual Percent	114 89.47%	62.16%	42 54.76%	31 83.87%	33 118.18%	47 68.09%	95 52.63 %	399 73.93 %
4 AM	89.47%	62.16%	54.76%	83.87%	118.18%	08.09%	52.03%	73.93%
Sum of casual_count	40	32	29	30	40	33	22	226
Sum of member_count	56	54	80	80	70	66	54	460
Casual Percent 5 AM	71.43%	59.26%	36.25%	37.50%	57.14%	50.00%	40.74%	49.13%
Sum of casual_count	42	54	74	82	72	54	44	422
Sum of member_count	75	356	477	480	371	248	67	2074
Casual Percent	56.00%	15.17%	15.51%	17.08%	19.41%	21.77%	65.67%	20.35%
6 AM Sum of casual_count	78	138	178	190	179	105	72	940
Sum of member_count	162	771	1198	1292	1073	694	173	5363
Casual Percent	48.15%	17.90%	14.86%	14.71%	16.68%	15.13%	41.62%	17.53%
7 AM Sum of casual count	120	300	376	485	512	220	102	2424
Sum of casual_count Sum of member_count	136 332	300 1657	376 2595	485 2817	512 2494	1426	102 407	2131 11728
Casual Percent	40.96%	18.11%	14.49%	17.22%	20.53%	15.43%	25.06%	18.17%
8 AM								
Sum of casual_count Sum of member_count	205 533	364 1946	470 2949	617 3262	676 2942	294 1521	217 601	2843 13754
Casual Percent	38.46%	18.71%	15.94%	18.91%	22.98%	19.33%	36.11%	20.67%
9 AM								
Sum of casual_count Sum of member count	355	322 1035	372 1413	430 1778	390 1522	281 1000	419 992	2569 8522
Casual Percent	782 45.40%	31.11%	26.33%	24.18%	25.62%	28.10%	42.24%	30.15%
10 AM	10111071							
Sum of casual_count	693	361	351	452	439	341	648	3285
Sum of member_count Casual Percent	1310 52.90 %	901 40.07 %	1090 32,20%	1272 35.53%	1223 35.90%	914 37.31 %	1148 56.45%	7858 41.80 %
11 AM	32.30%	40.07/6	32.20%	33.33/0	33.30%	37.31/0	30.43/0	41.00%
Sum of casual_count	1048	634	406	551	576	443	1004	4662
Sum of member_count	1505	1198	1324	1355	1383	1145	1446	9356
Casual Percent 12 PM	69.63%	52.92%	30.66%	40.66%	41.65%	38.69%	69.43%	49.83%
Sum of casual_count	1414	807	610	720	674	511	1387	6123
Sum of member_count	1832	1425	1689	1695	1668	1265	1700	11274
C% Absolute 1 PM	77.18%	56.63%	36.12%	42.48%	40.41%	40.40%	81.59%	54.31%
Sum of casual_count	1633	886	631	774	822	460	1635	6841
Sum of member_count	1858	1461	1720	1663	1579	1071	1830	11182
Casual Percent	87.89%	60.64%	36.69%	46.54%	52.06%	42.95%	89.34%	61.18%
2 PM Sum of casual count	1899	1029	729	976	889	461	1770	7753
Sum of member_count	2032	1554	1582	1675	1618	1119	1746	11326
Casual Percent	93.45%	66.22%	46.08%	58.27%	54.94%	41.20%	101.37%	68.45%
3 PM	1995	1322	849	1147	935	495	1603	8346
Sum of casual_count Sum of member_count	2182	2068	2165	2041	2115	1327	1597	13495
C% Absolute	91.43%	63.93%	39.21%	56.20%	44.21%	37.30%	100.38%	61.85%
4 PM								
Sum of casual_count Sum of member_count	1862 2117	1589 3081	976 3425	1510 3240	1075 2922	602 1814	1408 1593	9022 18192
C% Absolute	87.95%	51.57%	28.50%	46.60%	36.79%	33.19%	88.39%	49.59%
5 PM								
Sum of casual_count	1407 1978	2088 4003	1145 4225	1888 4217	1282 3603	695 1986	1152 1356	9657 21368
Sum of member_count C% Absolute	71.13%	52.16%	27.10%	44.77%	35.58%	34.99%	84.96%	21368 45.19 %
6 PM								
Sum of casual_count	1151	1629	874	1565	1033	555	851	7658
Sum of member_count	1579 72.89 %	3023 53.89%	2985 29,28%	3288 47.60%	2585 39.96 %	1605 34.58%	1144 74.39%	16209 47.25 %
C% Absolute								
C% Absolute 7 PM							680	4811
7 PM Sum of casual_count	666	957	584	996	586	342		
7 PM Sum of casual_count Sum of member_count	1138	1892	1894	2081	1551	990	938	10484
7 PM Sum of casual_count								10484
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count	1138 58.52%	1892 50.58%	1894 30.83%	2081 47.86%	1551 37.78%	990 34.55 %	938 72.49% 341	10484 45.89%
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count	1138 58.52% 437 692	1892 50.58% 626 1171	1894 30.83% 403 1226	2081 47.86% 651 1396	1551 37.78% 401 1075	990 34.55% 221 661	938 72.49% 341 603	10484 45.89% 3080 6824
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute	1138 58.52%	1892 50.58%	1894 30.83%	2081 47.86%	1551 37.78%	990 34.55 %	938 72.49% 341	10484 45.89% 3080 6824
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count	1138 58.52% 437 692 63.15%	1892 50.58% 626 1171 53.46%	1894 30.83% 403 1226 32.87%	2081 47.86% 651 1396 46.63%	1551 37.78% 401 1075 37.30%	990 34.55% 221 661 33.43%	938 72.49% 341 603 56.55%	10484 45.89% 3080 6824 45.13%
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of member_count Sum of member_count	1138 58.52% 437 692 63.15% 333 529	1892 50.58% 626 1171 53.46% 500 850	1894 30.83% 403 1226 32.87% 314 979	2081 47.86% 651 1396 46.63% 451 935	1551 37.78% 401 1075 37.30% 367 891	990 34.55% 221 661 33.43% 202 503	938 72.49% 341 603 56.55% 328 546	10484 45.89% 3080 6824 45.13% 2495 5233
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of casual_count Sum of casual_count Sum of casual_count C% Absolute	1138 58.52% 437 692 63.15%	1892 50.58% 626 1171 53.46%	1894 30.83% 403 1226 32.87%	2081 47.86% 651 1396 46.63%	1551 37.78% 401 1075 37.30%	990 34.55% 221 661 33.43%	938 72.49% 341 603 56.55%	10484 45.89% 3080 6824 45.13% 2495 5233
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of member_count Sum of member_count	1138 58.52% 437 692 63.15% 333 529	1892 50.58% 626 1171 53.46% 500 850	1894 30.83% 403 1226 32.87% 314 979	2081 47.86% 651 1396 46.63% 451 935	1551 37.78% 401 1075 37.30% 367 891	990 34.55% 221 661 33.43% 202 503	938 72.49% 341 603 56.55% 328 546	10484 45.89% 3080 6824 45.13% 2495 5233 47.68%
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of member_count C% Absolute 10 PM Sum of casual_count Sum of member_count Sum of member_count	1138 58.52% 437 692 63.15% 333 529 62.95%	1892 50.58% 626 1171 53.46% 500 850 58.82% 364 470	1894 30.83% 403 1226 32.87% 314 979 32.07%	2081 47.86% 651 1396 46.63% 451 935 48.24%	1551 37.78% 401 1075 37.30% 367 891 41.19% 385 683	990 34.55% 221 661 33.43% 202 503 40.16%	938 72.49% 341 603 56.55% 328 546 60.07%	10484 45.89% 3080 6824 45.13% 2495 5233 47.68%
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of member_count C% Absolute 10 PM Sum of casual_count Sum of member_count C% Absolute	1138 58.52% 437 692 63.15% 333 529 62.95%	1892 50.58% 626 1171 53.46% 500 850 58.82%	1894 30.83% 403 1226 32.87% 314 979 32.07%	2081 47.86% 651 1396 46.63% 451 935 48.24%	1551 37.78% 401 1075 37.30% 367 891 41.19%	990 34.55% 221 661 33.43% 202 503 40.16%	938 72.49% 341 603 56.55% 328 546 60.07%	10484 45.89% 3080 6824 45.13% 2495 5233 47.68%
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of member_count C% Absolute 10 PM Sum of casual_count Sum of member_count C% Absolute 11 PM	1138 58.52% 437 692 63.15% 333 529 62.95% 244 372 65.59%	1892 50.58% 626 1171 53.46% 500 850 58.82% 364 470 77.45%	1894 30.83% 403 1226 32.87% 314 979 32.07% 334 707 47.24%	2081 47.86% 651 1396 46.63% 451 935 48.24% 441 673 65.53%	1551 37.78% 401 1075 37.30% 367 891 41.19% 385 683 56.37%	990 34.55% 221 661 33.43% 202 503 40.16% 200 356 56.18%	938 72.49% 341 603 56.55% 328 546 60.07% 428 541 79.11%	10484 45.89% 3080 68.24 45.13% 2495 5233 47.68% 2396 3802 63.02%
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of member_count C% Absolute 10 PM Sum of casual_count Sum of member_count C% Absolute 11 PM Sum of casual_count Sum of member_count C% Absolute 11 PM Sum of casual_count Sum of member_count Sum of member_count	1138 58.52% 437 692 63.15% 333 529 62.95%	1892 50.58% 626 1171 53.46% 500 850 58.82% 364 470	1894 30.83% 403 1226 32.87% 314 979 32.07%	2081 47.86% 651 1396 46.63% 451 935 48.24%	1551 37.78% 401 1075 37.30% 367 891 41.19% 385 683	990 34.55% 221 661 33.43% 202 503 40.16%	938 72.49% 341 603 56.55% 328 546 60.07%	10484 45.89% 3080 6824 45.13% 2495 5233 47.68% 2396 3802 63.02%
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of member_count C% Absolute 10 PM Sum of casual_count Sum of member_count C% Absolute 11 PM Sum of casual_count Sum of member_count C% Absolute 11 PM Sum of casual_count Sum of member_count C% Absolute 11 PM Sum of casual_count Sum of member_count C% Absolute	1138 58.52% 437 692 63.15% 333 529 62.95% 244 372 65.59% 170 219 77.63%	1892 50.58% 626 1171 53.46% 500 850 58.82% 364 470 77.45% 202 278 72.66%	1894 30.83% 403 1226 32.87% 314 979 32.07% 47.24% 198 346 57.23%	2081 47.86% 651 1396 46.63% 451 935 48.24% 441 673 65.53% 351 434 80.88%	1551 37.78% 401 1075 37.30% 367 891 41.19% 385 683 56.37% 324 432 75.00%	990 34.55% 221 661 33.43% 202 503 40.16% 200 556.18%	938 72.49% 341 603 56.55% 328 546 60.07% 428 541 79.11% 338 419 80.67%	10484 45.89% 3080 6824 45.13% 2495 5233 47.68% 2396 3802 63.02% 1840 2510 73.31%
7 PM Sum of casual_count Sum of member_count C% Absolute 8 PM Sum of casual_count Sum of member_count C% Absolute 9 PM Sum of casual_count Sum of member_count C% Absolute 10 PM Sum of casual_count Sum of member_count C% Absolute 11 PM Sum of casual_count Sum of member_count C% Absolute 11 PM Sum of casual_count Sum of member_count Sum of member_count	1138 58.52% 437 692 63.15% 333 529 62.95% 244 372 65.59%	1892 50.58% 626 1171 53.46% 500 850 58.82% 364 470 77.45%	1894 30.83% 403 1226 32.87% 314 979 32.07% 33.07% 47.24%	2081 47.86% 651 1396 46.63% 451 935 48.24% 441 673 65.53%	1551 37.78% 401 1075 37.30% 367 891 41.19% 385 683 56.37%	990 34.55% 221 661 33.43% 202 503 40.16% 200 356 56.18%	938 72.49% 341 603 56.55% 328 546 60.07% 428 541 79.11%	10484 45.89% 3080 6824 45.13% 2495 5233 47.68% 2396 3802 63.02%

				Projected R	ever	nue at 5% Mol	м С	onversion						
Month	Projected Ca	sual Revenue	Adjusted Casual Count	Converted to Member	Reve	nue from Fees	Incre	ease in Mem Revenue	Adju	sted Member Revenue	Adj	usted Casual R	Casu	ial Revenue Decrease
Jan	\$	620,605.00	88113	4406	\$	524,272	\$	4,362	\$	528,634	\$	620,315.52	\$	(289.48)
Feb	\$	620,605.00	83707	4185	\$	498,059	\$	4,144	\$	502,202	\$	589,299.74	\$	(31,305.26)
Mar	\$	620,605.00	79522	3976	\$	473,156	\$	3,936	\$	477,092	\$	559,834.76	\$	(60,770.24)
Apr	\$	620,605.00	75546	3777	\$	449,498	\$	3,740	\$	453,238	\$	531,843.02	\$	(88,761.98)
May	\$	620,605.00	71769	3588	\$	427,023	\$	3,553	\$	430,576	\$	505,250.87	\$	(115,354.13)
Jun	\$	620,605.00	68180	3409	\$	405,672	\$	3,375	\$	409,047	\$	479,988.32	\$	(140,616.68)
Jul	\$	620,605.00	64771	3239	\$	385,388	\$	3,206	\$	388,595	\$	455,988.91	\$	(164,616.09)
Aug	\$	620,605.00	61533	3077	\$	366,119	\$	3,046	\$	369,165	\$	433,189.46	\$	(187,415.54)
Sep	\$	620,605.00	58456	2923	\$	347,813	\$	2,894	\$	350,707	\$	411,529.99	\$	(209,075.01)
Oct	\$	620,605.00	55533	2777	\$	330,422	\$	2,749	\$	333,171	\$	390,953.49	\$	(229,651.51)
Nov	\$	620,605.00	52757	2638	\$	313,901	\$	2,611	\$	316,513	\$	371,405.82	\$	(249,199.18)
Dec	\$	620,605.00	50119	2506	\$	298,206	\$	2,481	\$	300,687	\$	352,835.53	\$	(267,769.47)

Dec	\$	620,605.00	5
Annua	al Summary		
Fee Rev	\$	4,819,530	
Increase in Mem Rev	\$	40,095	
Total Conversion Rev	\$	4,859,625	
Decrease in Casual Rev	\$	(1,744,825)	
Net Sum	\$	3,114,801	
ivet suili	Ş	3,114,801	

DIVVY MARCH 2022 ANALYSIS

Casual Rentals

Member Rentals

Casual % of Rentals

Casual Cost

Member Savings

89,647

194,115

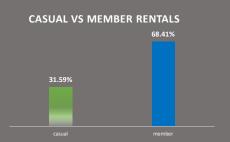
32%

\$621,295.14

\$266,033.42



Casual vs Member Rental Ratio by Hour					< 32%	>90%			
Hour	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total	Sparkline
12 AM	83.39%	69.67%	65.64%	65.54%	81.55%	91.84%	62.87%	74.84%	>./ \/
1 AM	101.80%	100.00%	74.32%	73.85%	106.00%	93.00%	75.23%	89.59%	
2 AM	100.81%	144.12%	79.59%	103.23%	135.29%	111.11%	75.59%	98.68%	
3 AM	89.47%	62.16%	54.76%	83.87%	118.18%	68.09%	52.63%	73.93%	
4 AM	71.43%	59.26%	36.25%	37.50%	57.14%	50.00%	40.74%	49.13%	
5 AM	56.00%	15.17%	15.51%	17.08%	19.41%	21.77%	65.67%	20.35%	
6 AM	48.15%	17.90%	14.86%	14.71%	16.68%	15.13%	41.62%	17.53%	
7 AM	40.96%	18.11%	14.49%	17.22%	20.53%	15.43%	25.06%	18.17%	
8 AM	38.46%	18.71%	15.94%	18.91%	22.98%	19.33%	36.11%	20.67%	
9 AM	45.40%	31.11%	26.33%	24.18%	25.62%	28.10%	42.24%	30.15%	
10 AM	52.90%	40.07%	32.20%	35.53%	35.90%	37.31%	56.45%	41.80%	
11 AM	69.63%	52.92%	30.66%	40.66%	41.65%	38.69%	69.43%	49.83%	
12 PM	77.18%	56.63%	36.12%	42.48%	40.41%	40.40%	81.59%	54.31%	
1 PM	87.89%	60.64%	36.69%	46.54%	52.06%	42.95%	89.34%	61.18%	
2 PM	93.45%	66.22%	46.08%	58.27%	54.94%	41.20%	101.37%	68.45%	
3 PM	91.43%	63.93%	39.21%	56.20%	44.21%	37.30%	100.38%	61.85%	
4 PM	87.95%	51.57%	28.50%	46.60%	36.79%	33.19%	88.39%	49.59%	
5 PM	71.13%	52.16%	27.10%	44.77%	35.58%	34.99%	84.96%	45.19%	
6 PM	72.89%	53.89%	29.28%	47.60%	39.96%	34.58%	74.39%	47.25%	
7 PM	58.52%	50.58%	30.83%	47.86%	37.78%	34.55%	72.49%	45.89%	
8 PM	63.15%	53.46%	32.87%	46.63%	37.30%	33.43%	56.55%	45.13%	
9 PM	62.95%	58.82%	32.07%	48.24%	41.19%	40.16%	60.07%	47.68%	
10 PM	65.59%	77.45%	47.24%	65.53%	56.37%	56.18%	79.11%	63.02%	
11 PM	77.63%	72.66%	57.23%	80.88%	75.00%	67.28%	80.67%	73.31%	



Casual: Top 20% Rental Locations

Station Name	Rentals
Streeter Dr & Grand Ave	2393
DuSable Lake Shore Dr & Monroe St	1430
Millennium Park	1157
Shedd Aquarium	934
Michigan Ave & Oak St	775
DuSable Lake Shore Dr & North Blvd	631
Theater on the Lake	593
Indiana Ave & Roosevelt Rd	562
Wells St & Concord Ln	533
Michigan Ave & Washington St	530
Wells St & Elm St	506
Dusable Harbor	501
New St & Illinois St	487
Clark St & Armitage Ave	475
Clark St & Lincoln Ave	467
Adler Planetarium	462
Wabash Ave & Grand Ave	440
Michigan Ave & Lake St	439
Clark St & Elm St	437
Damen Ave & Pierce Ave	400
Ashland Ave & Division St	387
Wells St & Evergreen Ave	374
Michigan Ave & 8th St	374

Member: Top 20% Rental Locations

Station Name	Rentals
Kingsbury St & Kinzie St	1765
University Ave & 57th St	1431
Clinton St & Washington Blvd	1420
Ellis Ave & 60th St	1408
Clark St & Elm St	1396
Clinton St & Madison St	1333
Wells St & Concord Ln	1158
Wells St & Elm St	1132
Dearborn St & Erie St	1132
Canal St & Adams St	1083
Wells St & Hubbard St	1071
Wabash Ave & Grand Ave	1054
Clinton St & Jackson Blvd	1030
	1016
Sheffield Ave & Fullerton Ave	963
Clinton St & Lake St	960
Larrabee St & Kingsbury St	954
Desplaines St & Kinzie St	947
Ashland Ave & Division St	925
Dearborn St & Monroe St	925
Broadway & Barry Ave	921
Loomis St & Lexington St	917
St. Clair St & Erie St	906
Green St & Madison St	895
Daley Center Plaza	887
Ellis Ave & 55th St	887
Wilton Ave & Belmont Ave	884
Kingsbury St & Erie St	833
Canal St & Madison St	827
Michigan Ave & Washington St	822
Dearborn Pkwy & Delaware Pl	811

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