

Citi Bike in 2023

<

Popular Stations

Popular Stations and Paths

Popular Paths for Non-member Bikers

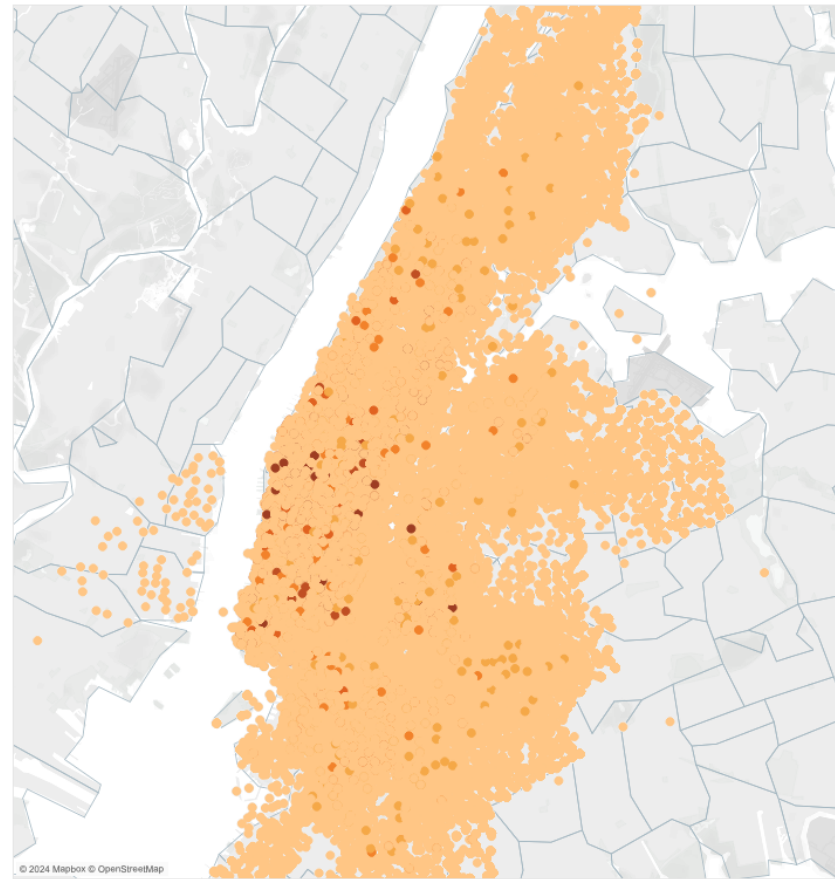
Popular Paths for Member Bikers

Member and Non-member Bike Usage Patterns

Member and Non-member Ride Duration Patterns

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Popular Stations in 2023



Month of Started At (copy)

- ☒ (All)
- ☒ January
- ☒ February
- ☒ March
- ☒ April
- ☒ May
- ☒ June
- ☒ July
- ☒ August
- ☒ September
- ☒ October
- ☒ November
- ☒ December

Rides per Station

- 0-5,000
- 5,000-10,000
- 10,000-15,000
- 15,000-20,000
- 20,000-25,000
- 25,000+

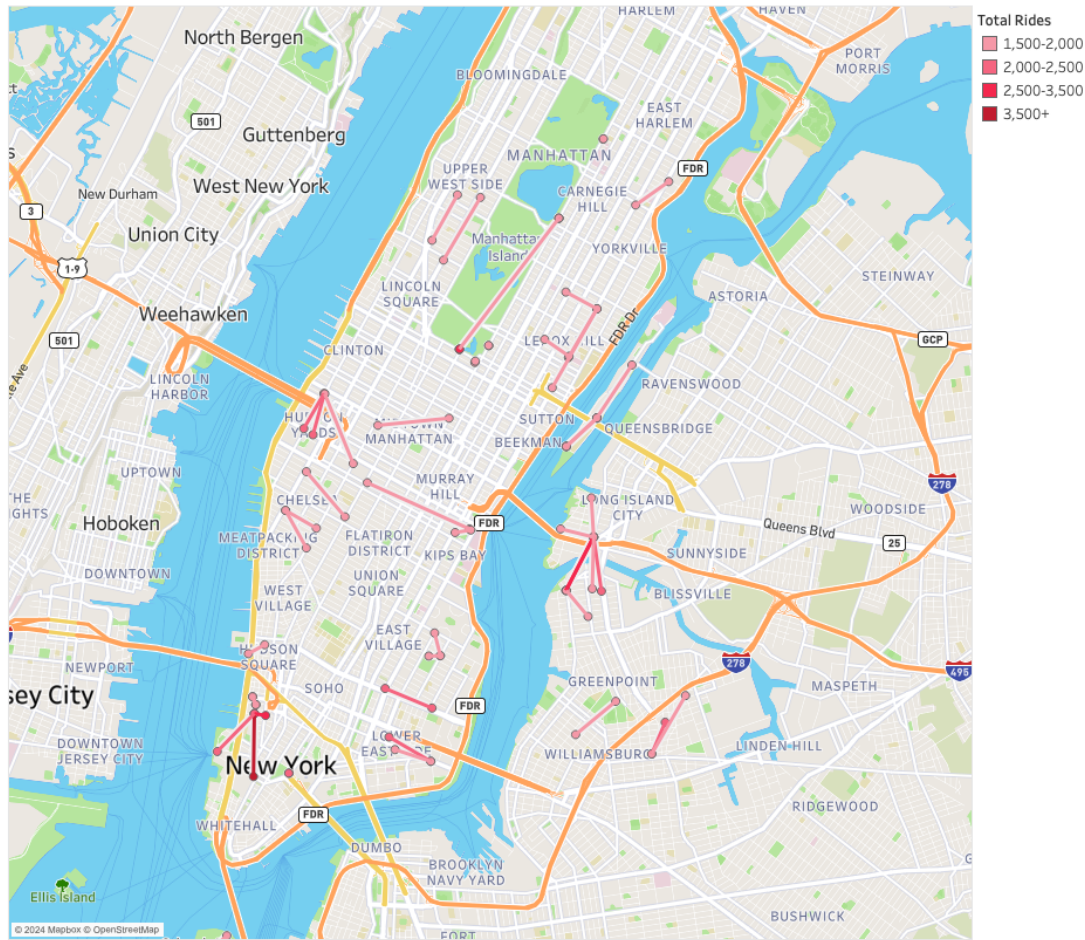
This dashboard displays Citi Bike data for the year 2023.

To interact with the Popular Stations map, select the months you want to focus on. Lighter-shaded stations have less rides and are less popular than darker-shaded stations.

Across the entire year, the more popular (darker shade) stations tend to be concentrated in the Manhattan area, and there is a much higher density of bike stations in Manhattan as well. This indicates that Manhattan truly is the central hub for most Citi Bike users.

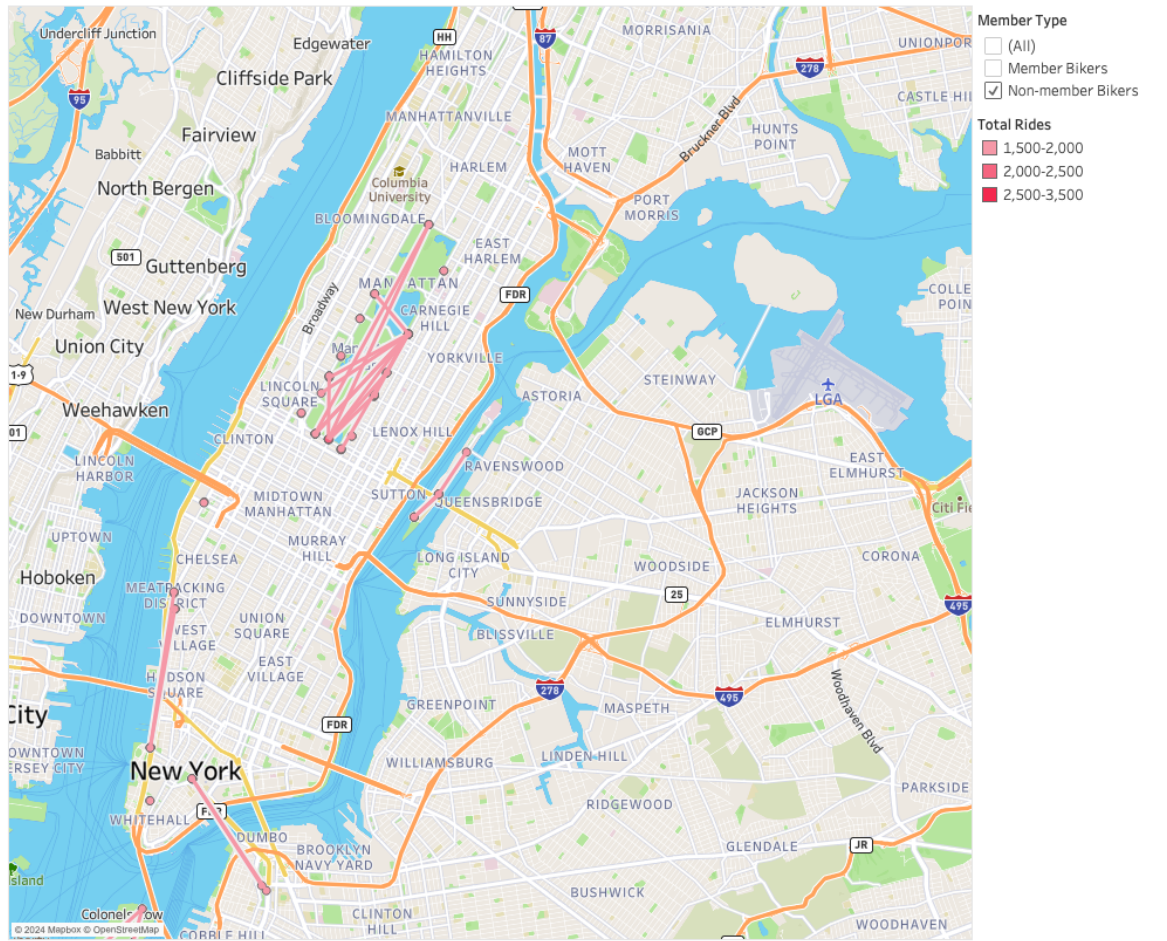
Citi Bike in 2023

<	Popular Stations	Popular Stations and Paths	Popular Paths for Non-member Bikers	Popular Paths for Member Bikers	Member and Non-member Bike Usage Patterns	Member and Non-member Ride Duration Patterns	Re Ne	>
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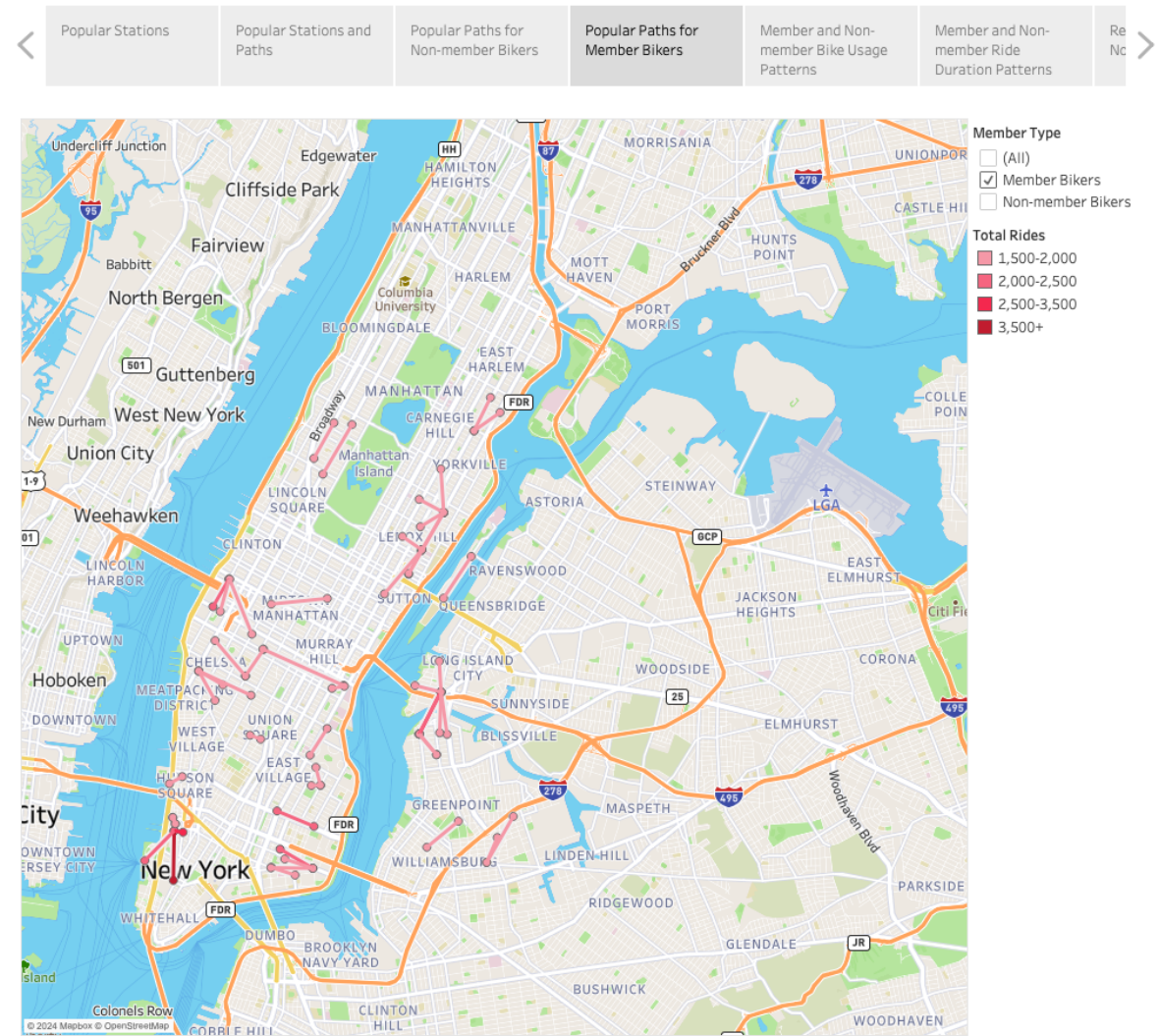


Citi Bike in 2023

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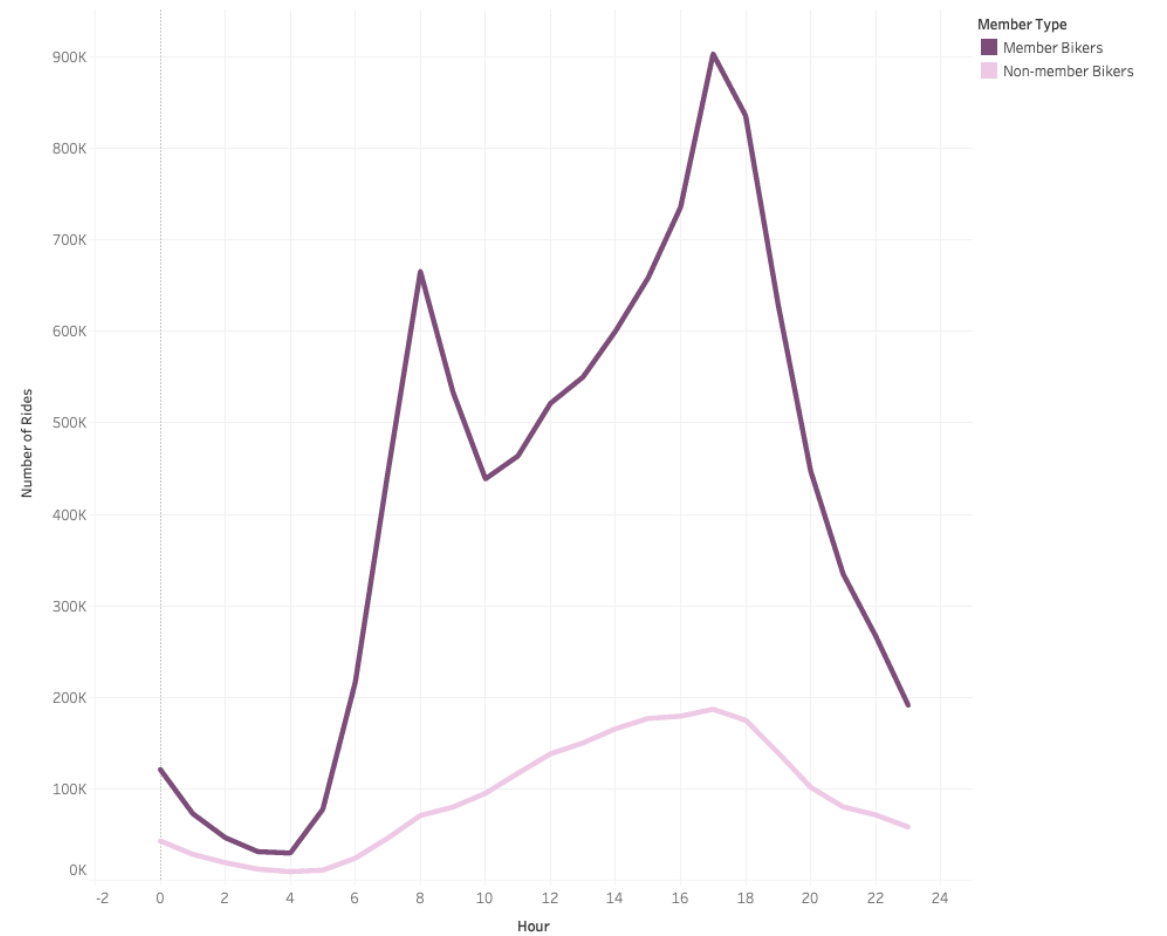
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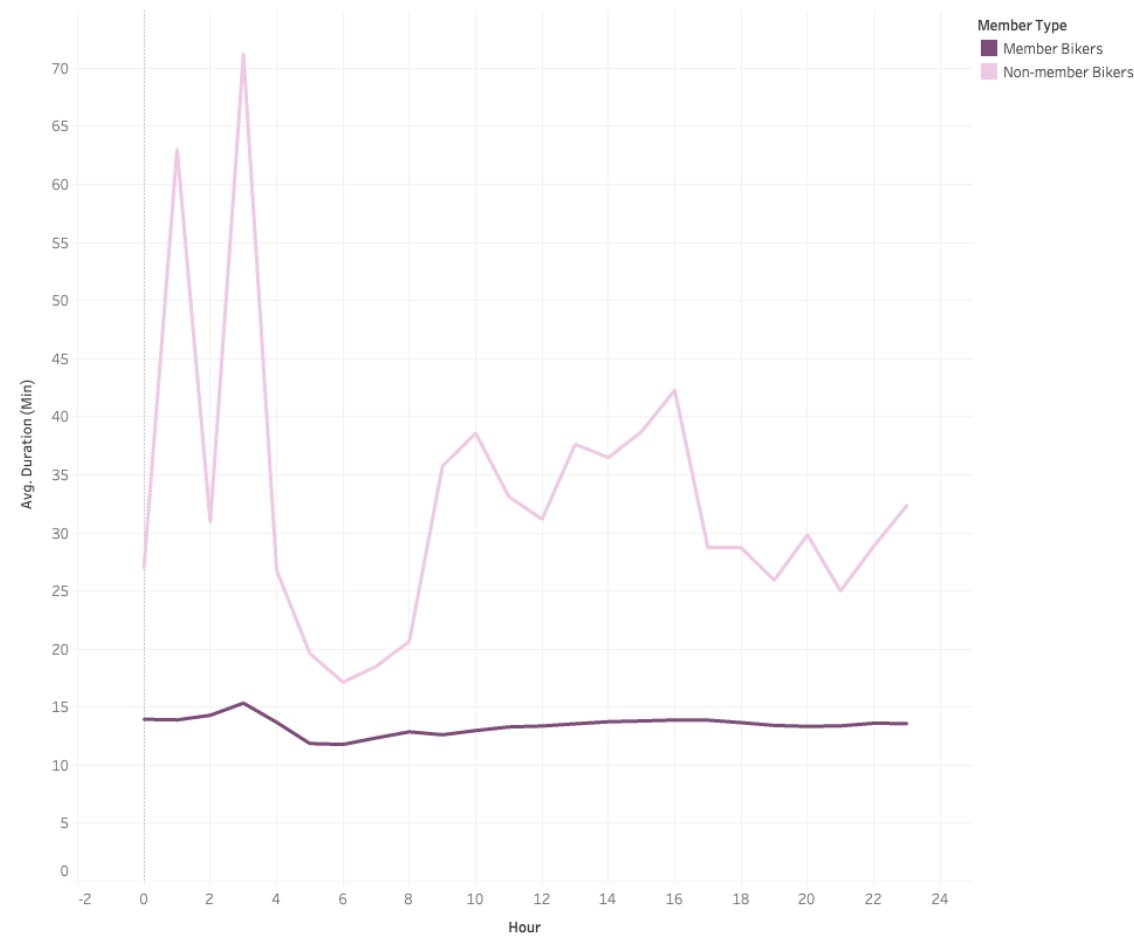
Popular Paths for Member Bikers

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Popular Paths for Non-member Bikers

Popular Paths for Member Bikers

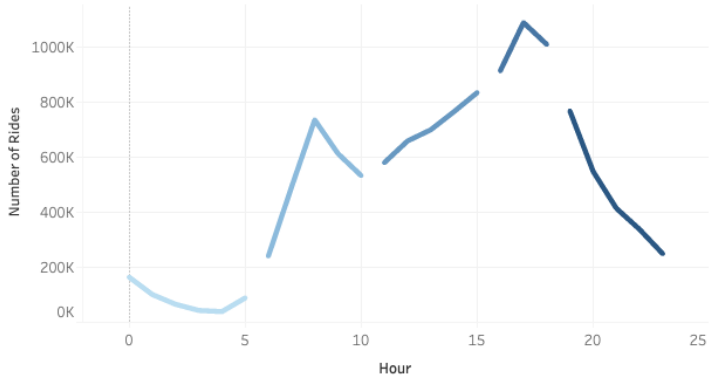
Member and Non-member Bike Usage Patterns

Member and Non-member Ride Duration Patterns

Recap: Members vs Non-members

Overview

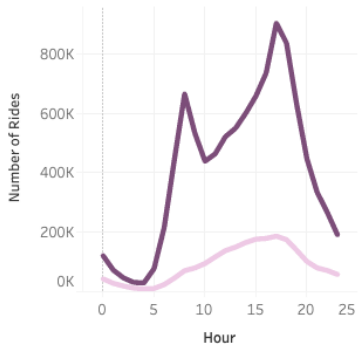
Rides by Hour (2023)



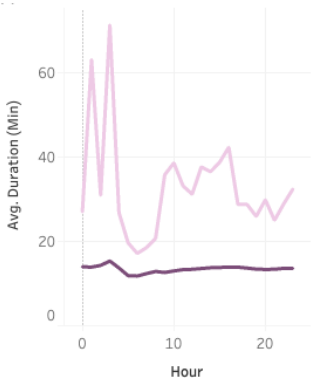
This dashboard displays Citi Bike data for the year 2023.

The Rides by Hour (2023) chart displays the number of bike rides taken at each hour throughout the year. There are two obvious peaks in number of rides during the morning rush hour (8:00am) and the evening rush hour (5:00pm). This indicates that travel to and from work/school is a key driver of Citi Bike utilization.

Rides by Hour Broken Down by User Type



Ride Duration (min) by Hour



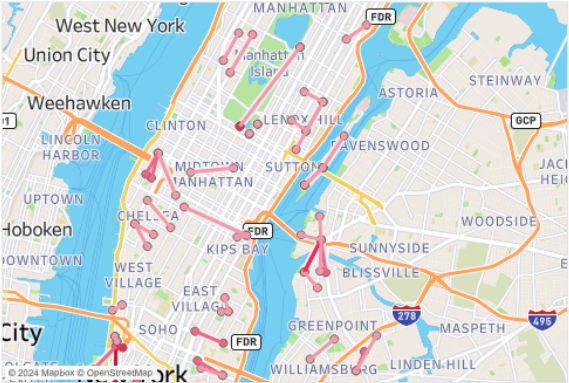
The Rides by Hour Broken Down by User Type breaks down Citi Bike utilization by user group: Member Bikers (dark purple) and casual bikers (light purple). The member bikers follow a similar pattern, with two spikes in bike rides during morning and evening rush hours. On the other hand, non-member bikers have a much lower and steady utilization throughout the day. This clear difference suggests that those who use Citi Bike as part of their daily routine, such as for commute, join Citi Bike as members and make up the majority of Citi Bike users.

The Ride Duration (min) by Hour chart displays the average bike ride duration in minutes (how long a user uses the bike) for each hour of the day, which leads to similar findings. Member ride duration times are much shorter and are very consistent throughout the day, indicating that bike rides are more routine and for convenience. Contrarily, non-member bike rides vary widely and tend to last longer, suggesting that non-members are using Citi Bikes for leisure or tourist activities.

Citi Bike in 2023

<	d	Popular Paths for Non-member Bikers	Popular Paths for Member Bikers	Member and Non-member Bike Usage Patterns	Member and Non-member Ride Duration Patterns	Recap: Members vs Non-members	Overall Recap	>
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Overall Top 50 Paths in 2023



Total Rides

- 1,500-2,000
- 2,000-2,500
- 2,500-3,500
- 3,500+

Member Type

- ☐ (All)
- ☐ Member Bikers
- ☒ Non-member Bikers

Hour (group)

- ☒ (All)
- ☒ Afternoon (11am-3pm)
- ☒ Early Morning (12am-5am)
- ☒ Evening Rush Hour (4pm-6pm)
- ☒ Late Evening (7pm-11pm)
- ☒ Morning Rush Hour (6am-10am)

This dashboard displays Citi Bike data for the year 2023.

The Overall Top 50 Paths in 2023 map displays the top 50 Citi Bike ride paths (and corresponding stations) taken by all users throughout the year. Note that these "paths" does not show exactly where each user takes the bike but instead the general movement/flow patterns from one station to another. For paths where the start and end station are the same, there is no visible line. The darker the shade of the path or station, the more traffic that path or station is receiving.

To interact with the Top 50 Paths in 2023 Broken Down by User Type map, filter by Member Type (Member Bikers and Non-member Bikers). To interact with the Top 50 Paths in 2023 Broken Down by Hour map, select which hours you want to examine.

All three maps show that most of the Citi Bike traffic is spread out through Manhattan. However, when looking at the top 50 paths taken by Non-member Bikers, there is an extremely high concentration of popular bike paths in and around Central Park, indicating that is likely a prime location for tourists and leisurely bikers.

Additionally, the Overall Top 50 Paths in 2023 map and the Top 50 Paths in 2023 Broken Down by Hour reveal similar travel patterns, giving insight into routine bike patterns. There seems to be a couple more popular hubs for routine (Member) travel: Battery Park City / Tribeca area, and Hunters Point / Long Island City area.

Top 50 Paths in 2023 Broken Down by User Type



Top 50 Paths in 2023 Broken Down by Hour

