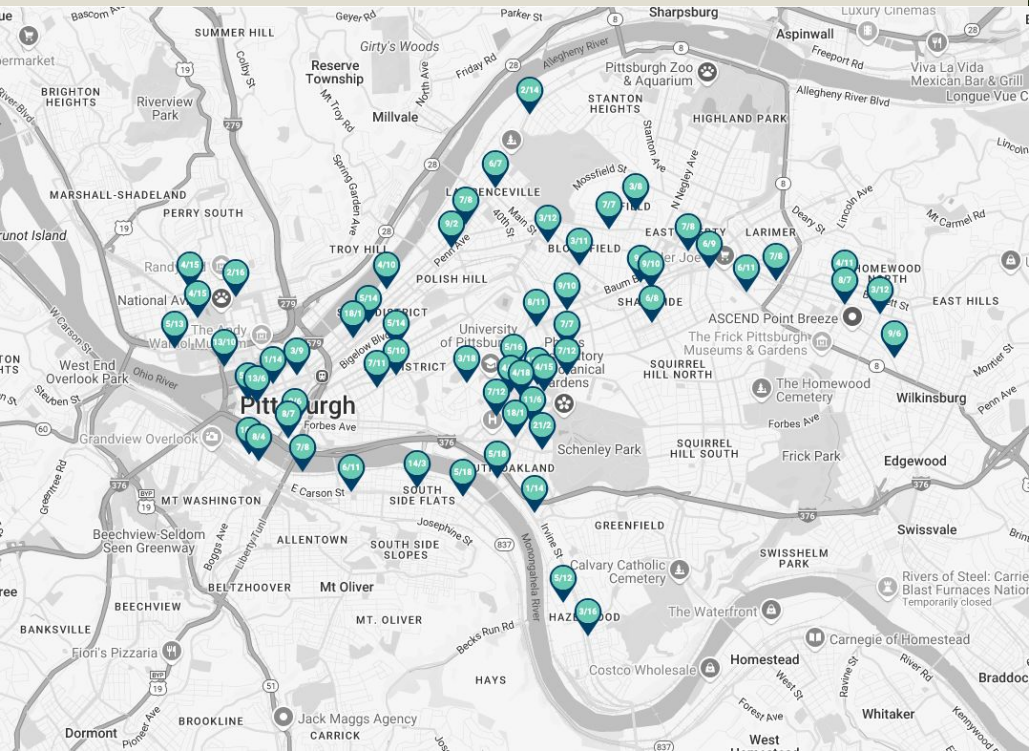


# Pittsburgh Bike Rides (POGOH)

## Exploratory Data Analysis

by Mohammad Hassany



## Allegheny County Crash Data (2004 - 2022)

0.69%

of crashes involved a bike rider.

1.42%

of deaths were bike riders.

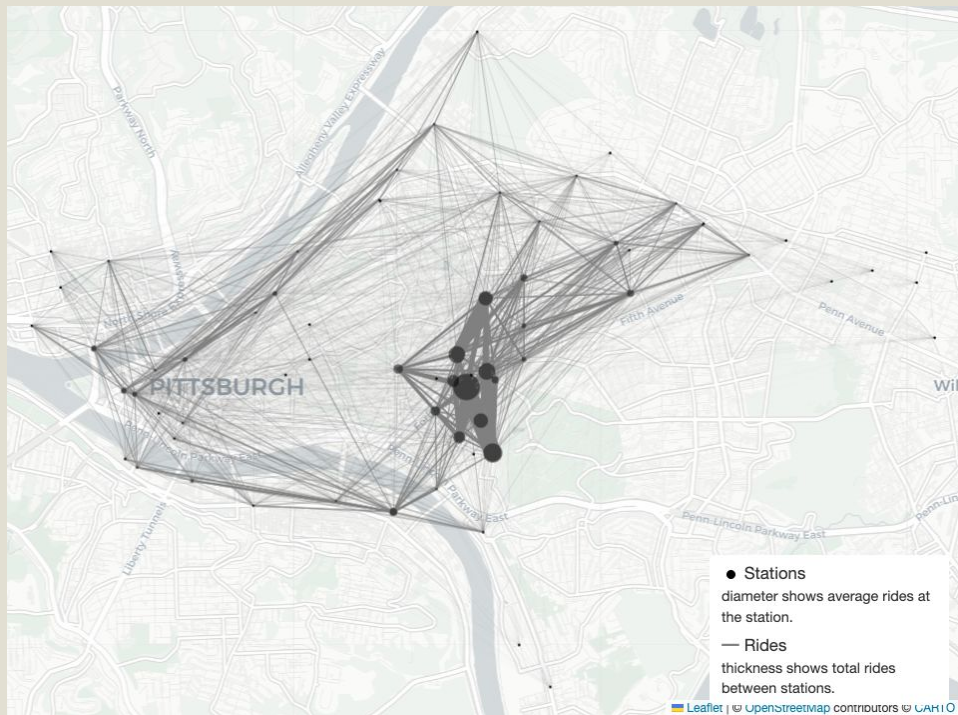




Since May 2022 till Nov 2024

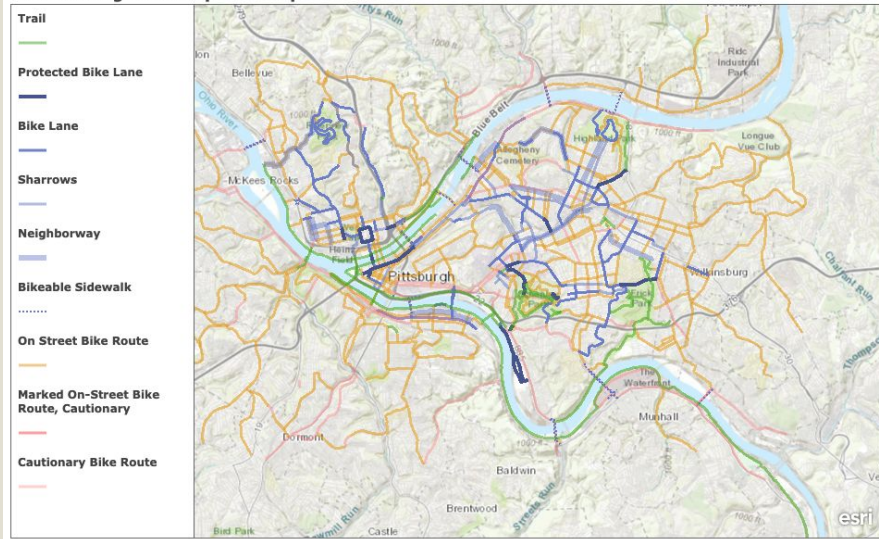
# 684K rides

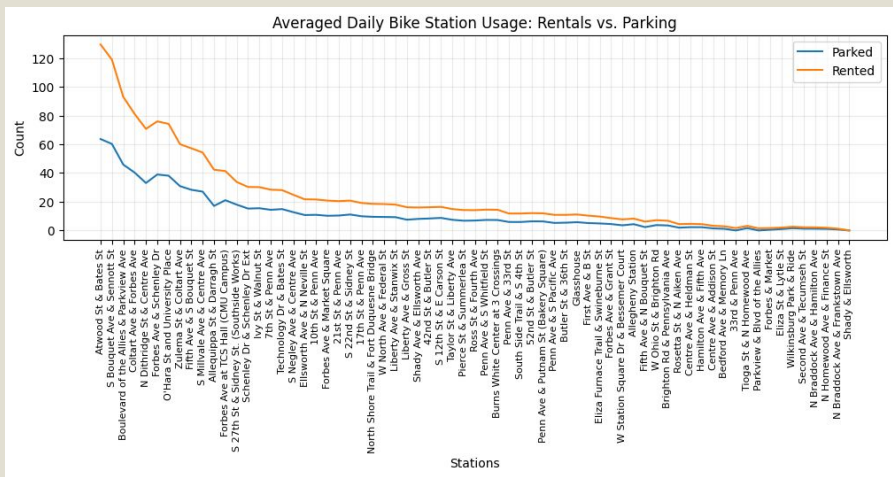
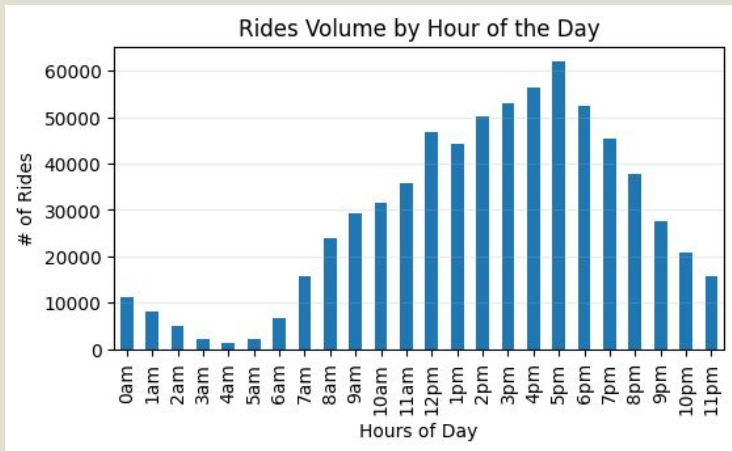
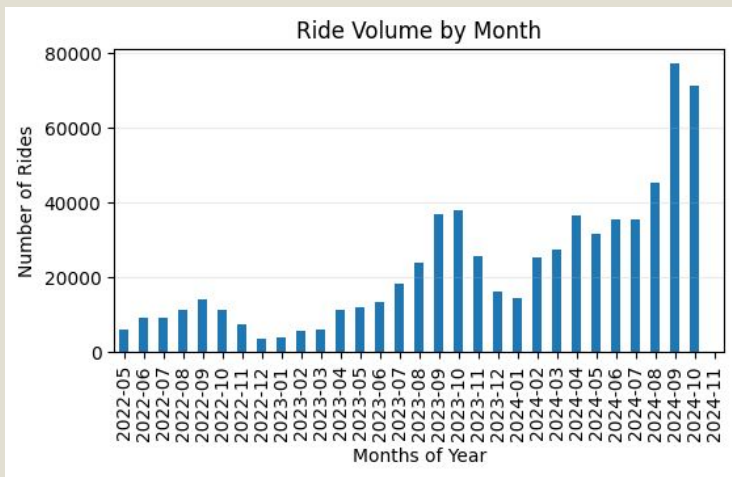
5K rides/day



- POGO's bike stations are close to big universities, apartment complexes, stadiums, and transportation hubs.
- 50% of rides lasted less than 7.5 minutes
  - 1-2 miles of distance
- there are protected bike lanes within city zones but there are not many between them.
- cross-zone rides may not be safe!

The Pittsburgh Bike Map - 2023 updated





- there are multiple zones in the city!
- not many safe bike lanes across the zones
- there are riders, riding across zones – sometime during the night
- riders may not have safety gears
- and more people are using these bikes
- local government should identify these routes and improve their safety for bike riders
- POGOH should provide helmet!

# Thank You

