1. Link of dataset
2. Description for projects
3. Related paper
4. Analyzing bike Sharing differences between the time before and during COVID to re-design bike share maps.

Data Analysis for Bike Sharing in New York City

Group Members: Armando Montes; Eduardo; Rubeu

Data: shared bike data <https://www.citibikenyc.com/system-data>

Recommended Papers:

<http://mobility-workspace.eu/wp-content/uploads/Analysis_CitiBikeSharing.pdf>

<https://ojs.aaai.org//index.php/AAAI/article/view/3940>

Where Will Dockless Shared Bikes be Stacked? — Parking Hotspots Detection in a New

City

Optimal investment and management of shared bikes in a competitive market

1. Human mobility patterns based on GPS data

Data

<https://www.microsoft.com/en-us/download/details.aspx?id=52367&from=http%3A%2F%2Fresearch.microsoft.com%2Fen-us%2Fdownloads%2Fb16d359d-d164-469e-9fd4-daa38f2b2e13%2Fdefault.aspx>

3. Crime Analysis for Chicago

https://data.cityofchicago.org/Public-Safety/Crimes-2001-to-Present/ijzp-q8t2

4. Weather and climate prediction

<https://www.ncdc.noaa.gov/cdo-web/>

<https://www.wunderground.com/history>

5. Mining the spread patterns of COVID-19

<https://ourworldindata.org/coronavirus-source-data>

6. Robotic deep inverse reinforcement learning

<https://lionbridge.ai/datasets/17-best-robotics-datasets-for-machine-learning/>