

Udacity DAND Project 5

By Petra Schneckenburger

I choose the Ford GoBike Trip Data (now Baywheels), from 1/2018 to 7/2019

My main findings:

- Bike usage in the Bay Area has grown over the time. We can see the influence of winter and events like adding and withdrawal of electric bikes
- Bikes were mostly used for the way to work, in the group of custom users they also play a role in free times/on weekends

In the slide deck I show some general data as well as the usage time patterns. The latter I chose because I found it astonishing to see such clear patterns. And it can be depicted well in colorful heatmaps.

Resources:

- <https://www.lyft.com/bikes/bay-wheels>
- https://en.wikipedia.org/wiki/Bay_Wheels
- stackoverflow (single links are documented in the respective notebook cells)
- <https://jakevdp.github.io/PythonDataScienceHandbook/>
- <http://seaborn.pydata.org/index.html>
- <https://matplotlib.org/3.1.1/index.html>