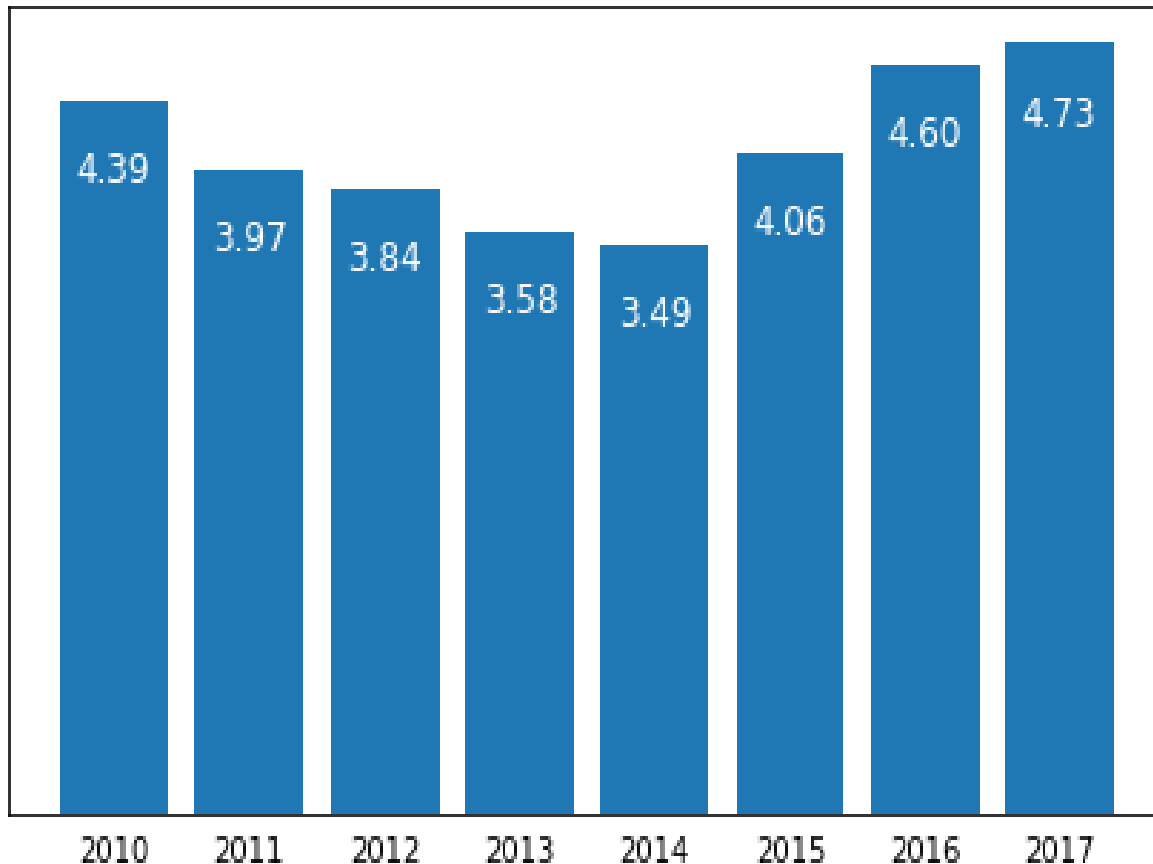# Crime in Los Angeles

Data set:

- Reported crime records in Los Angeles (released by LAPD)

- 1.7 million entries, ~400 MB

- From 2010 to present, updated every week

- 149 crime types in the data set

- The **third** most frequently reported crime is car theft

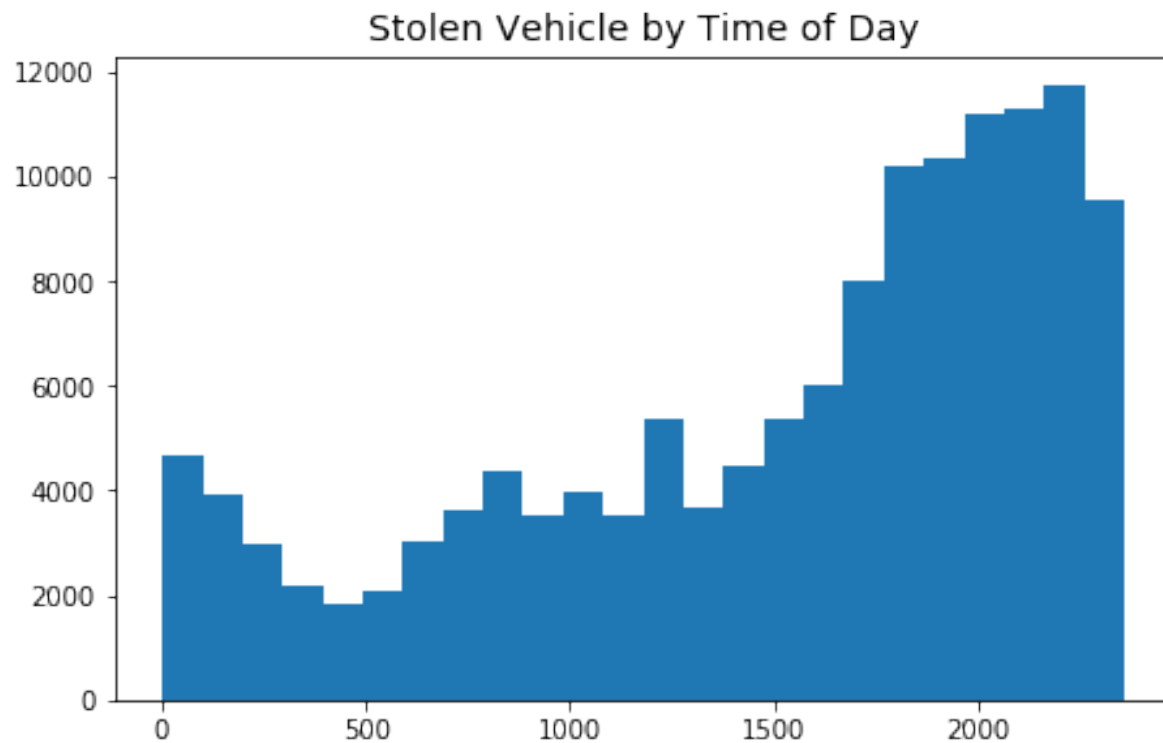   → Focus of this presentation

Crime in Los Angeles

Vehicles Stolen per 1000 People - Los Angeles City

Estimated population data from:
https://factfinder.census.gov

~36% increase in number of stolen vehicles per capita from 2014 to 2017

Crime in Los Angeles

Stolen Vehicle by Time of Day
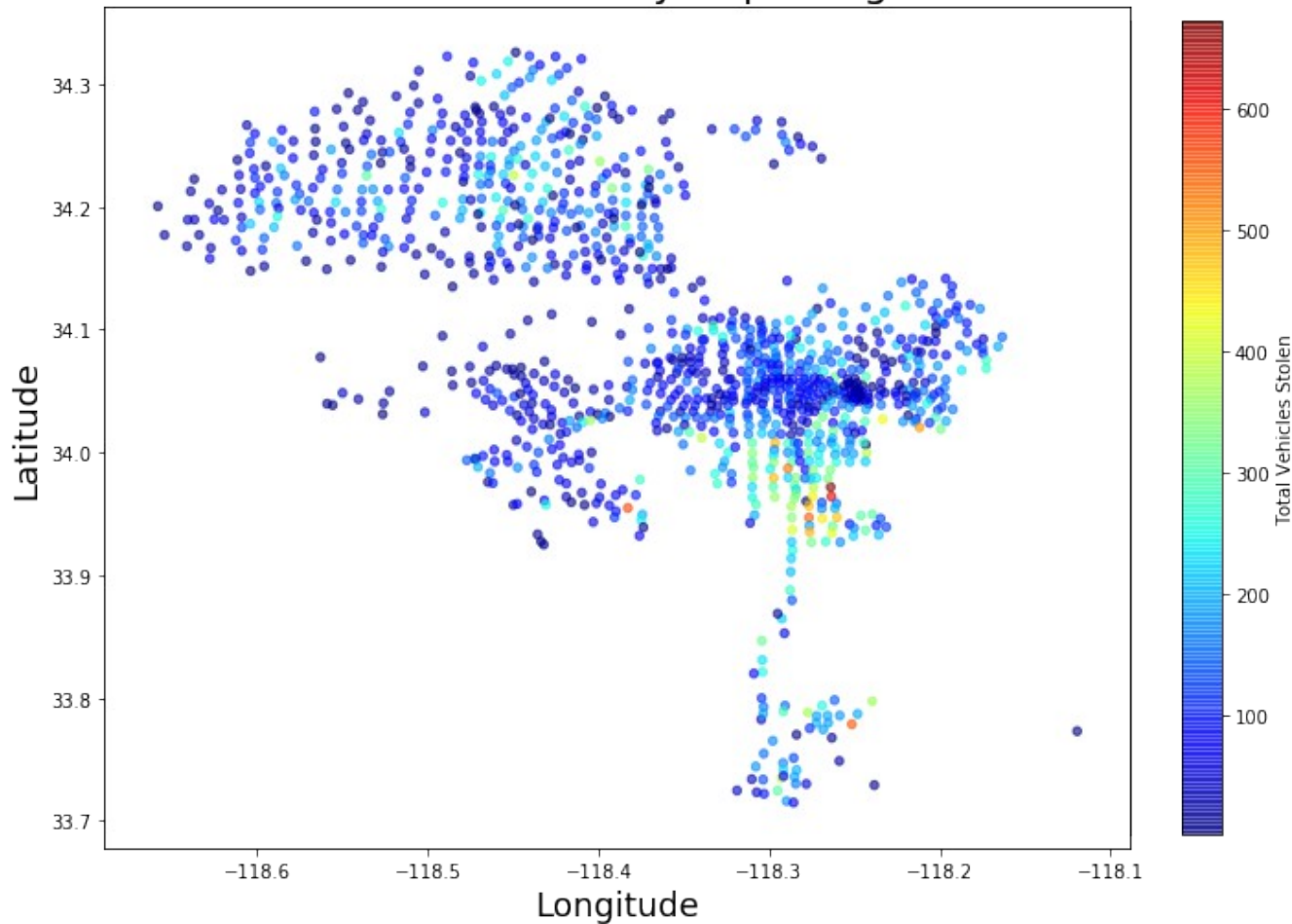
Car thefts appear to happen mostly in late afternoon – evening hours.

Crime in Los Angeles

Total Vehicles Stolen by Reporting District

LAPD has 1151 reporting districts.

Color scheme represents the total number of car thefts in each district.

Next: Model frequency of car thefts by district as a function of population and median income. Do the same for other types of crimes.