

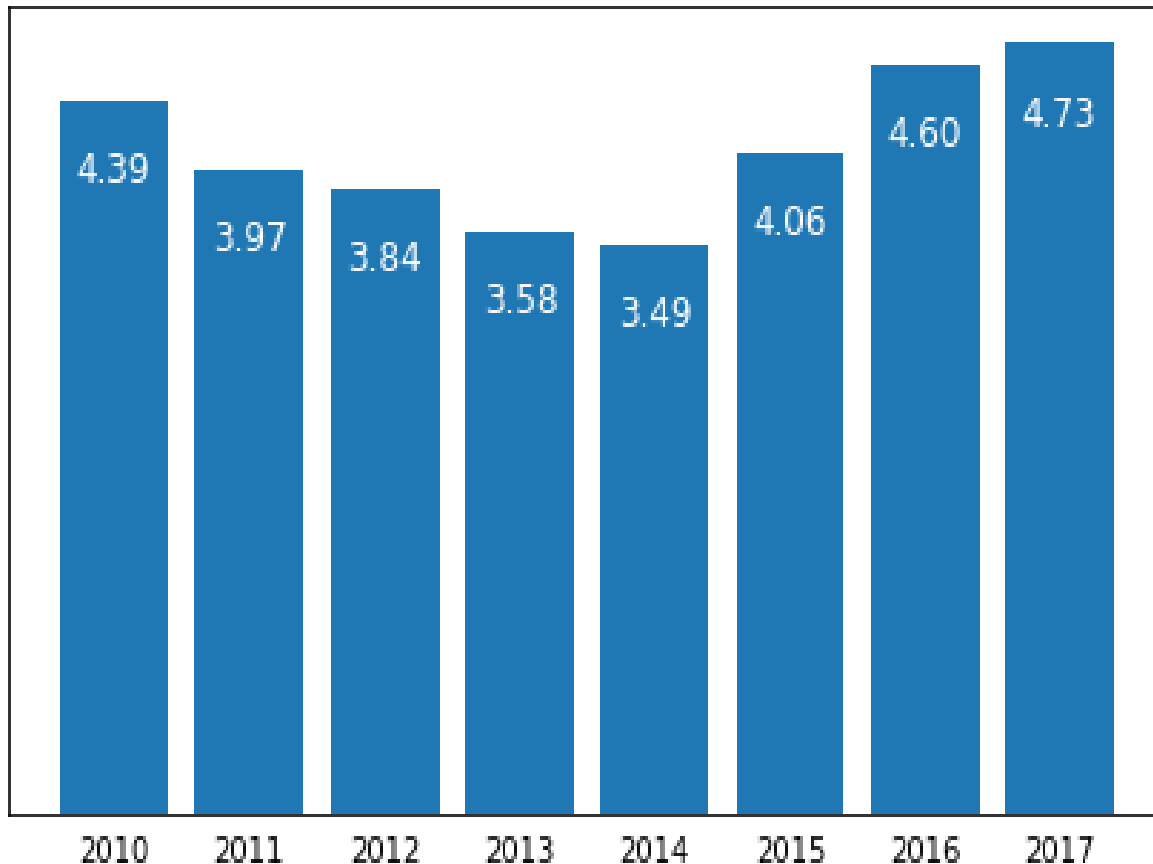
Crime in Los Angeles

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

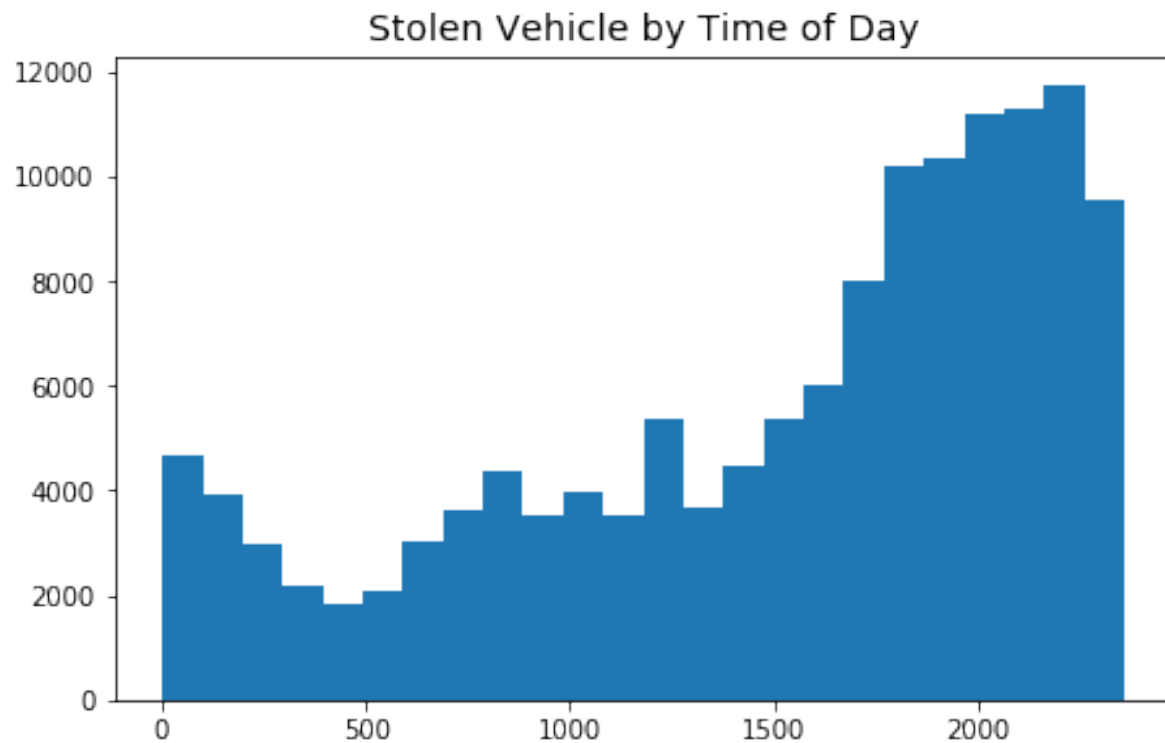
Vehicles Stolen per 1000 People - Los Angeles City



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

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

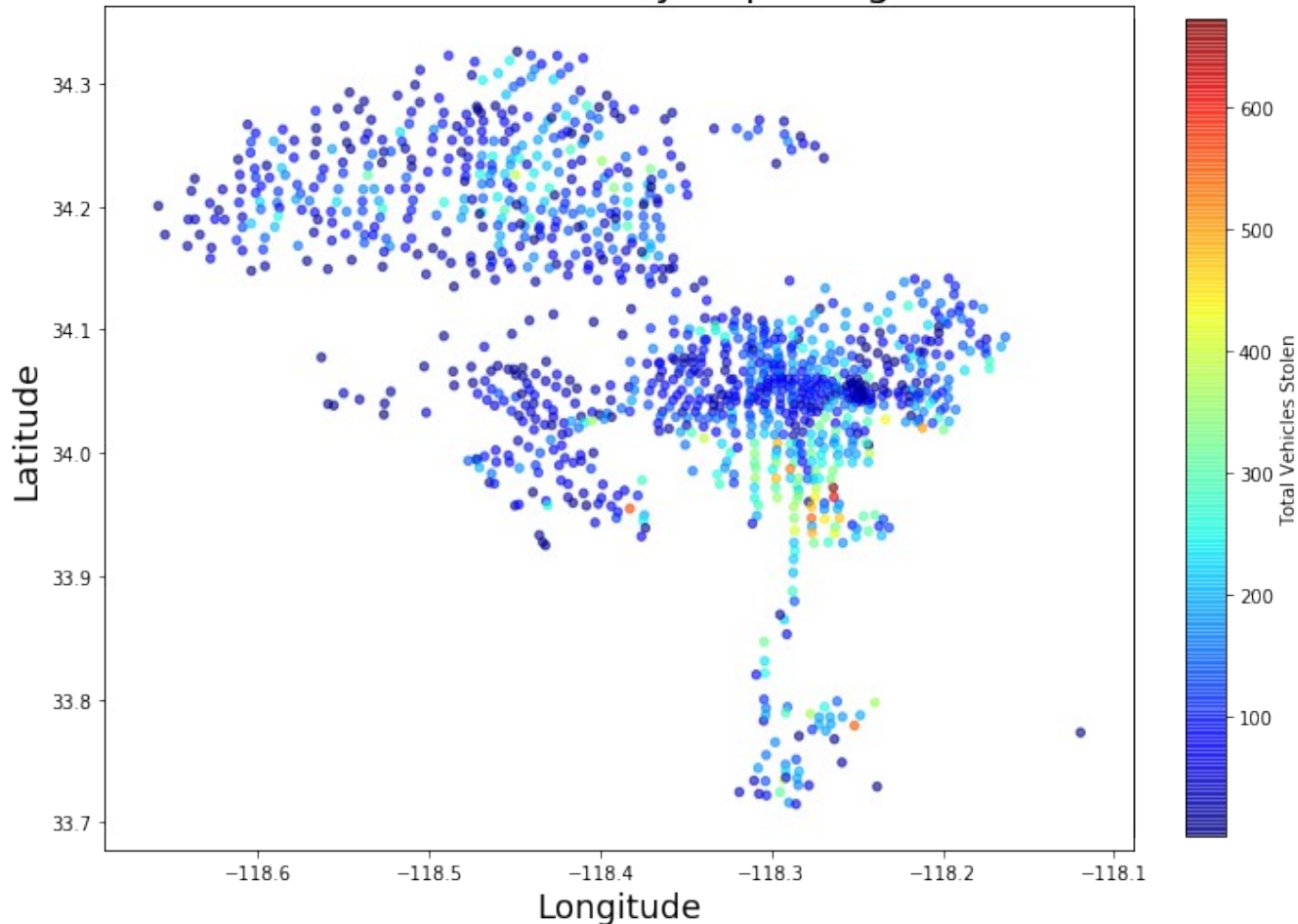
Crime in Los Angeles



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.