



# Parking Tickets in Chicago

Capstone 1



Michael Hayden



# Where Are You Most Likely to Get a Parking Ticket?

Do you want avoid parking tickets? Sick and tired of hefty fees and time consuming payment processes?

Do you work for the City of Chicago want to find prime locations to issue more tickets?

If you answered “yes” to any of those questions, the following slides might hold some valuable information collected from public parking data sets in Chicago from 2015 to 2017.

# Chicago Parking Facts

---

- 2,458,800 tickets issued yearly
- \$412,000 is average sum of the issued tickets
- Top officer issued # find number of tickets 189,000 tickets
- Average officer issued 898 tickets during tenure

# Seasonal Ticket Revenue

Weekday/Weekend

Summer Weekday	Summer Weekend	Winter Weekday	Winter Weekend
\$649,065	\$388,110	\$291,710	\$320,730

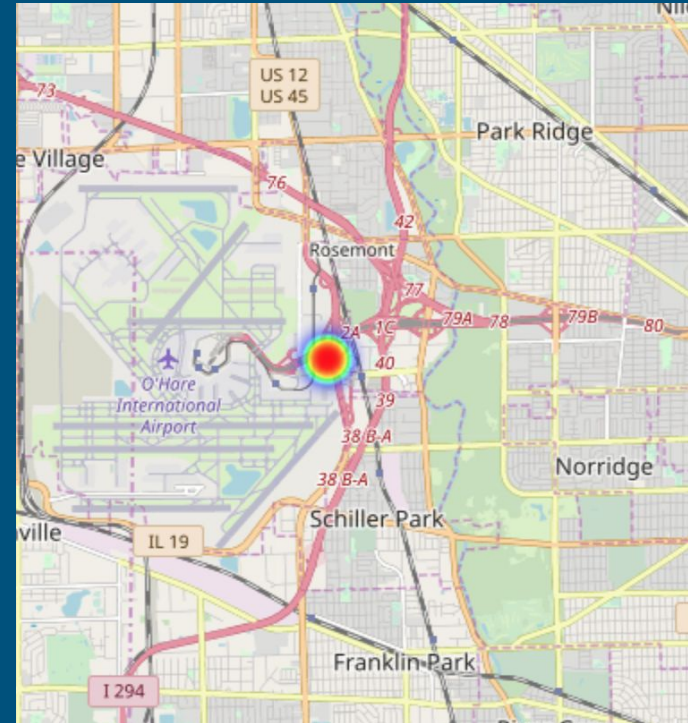
# Do Not Leave Your Car at O'Hare...

Where Are the Most Tickets issued?

➡ O'Hare International Airport

By Who?

➡ Officer 716 issued 189,826 tickets



# What Does a Slow Day Look Like?

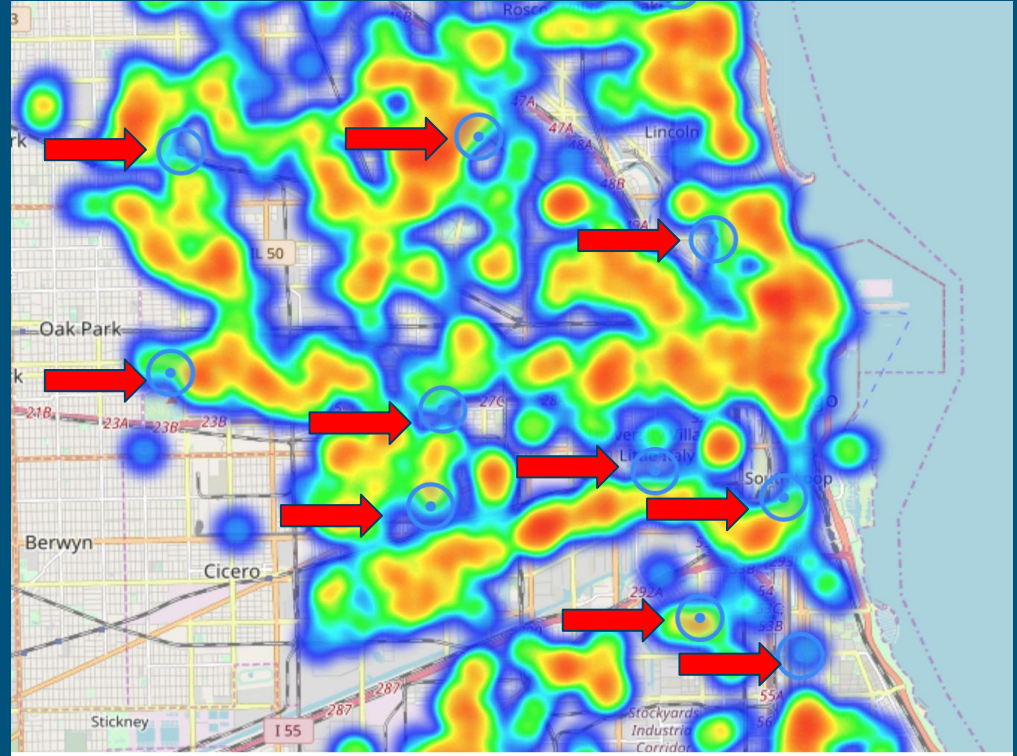
1. The blue circles (highlighted by red arrows) are police stations
2. The red areas on the thermal map indicate an increase in tickets issued

## Conclusions:

It is evident that there is an increase in police activity (issuing tickets) closer to stations

This activity could be directly influenced by two things:

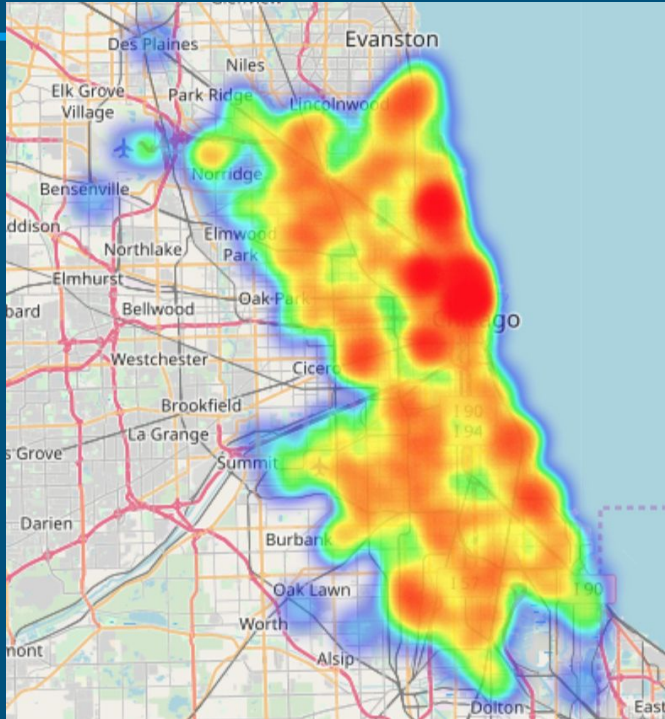
1. The proximity of the station
2. The area is more heavily populated and so the city put a police station in the area following a spike in crime



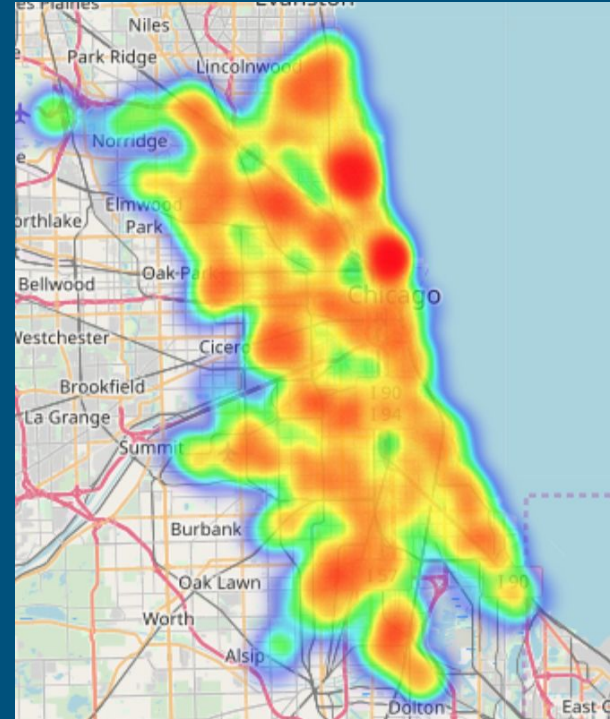
# Weekday

# vs

# Weekend



Approximately 8000 tickets



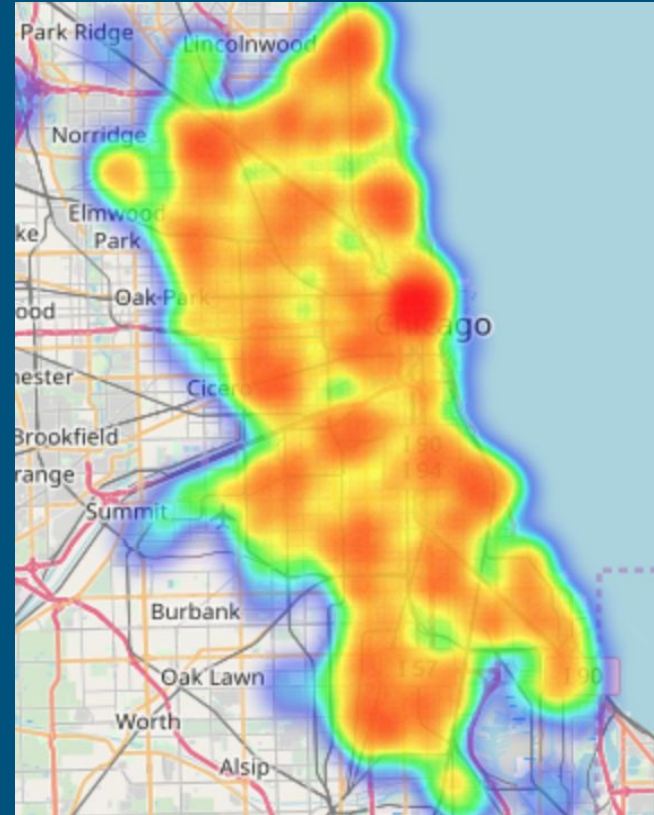
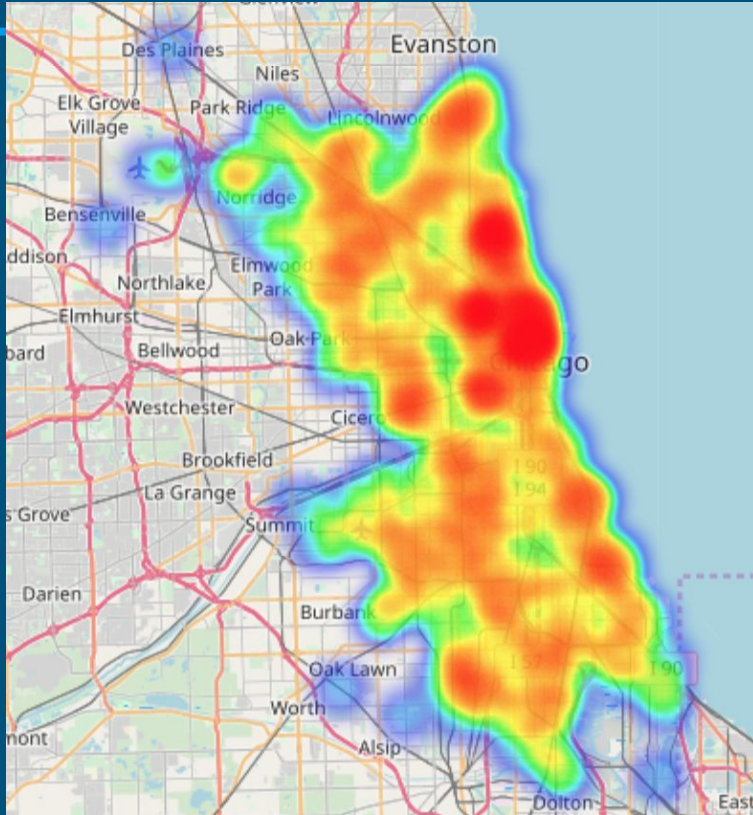
Approximately 4000 tickets



# Winter

# VS

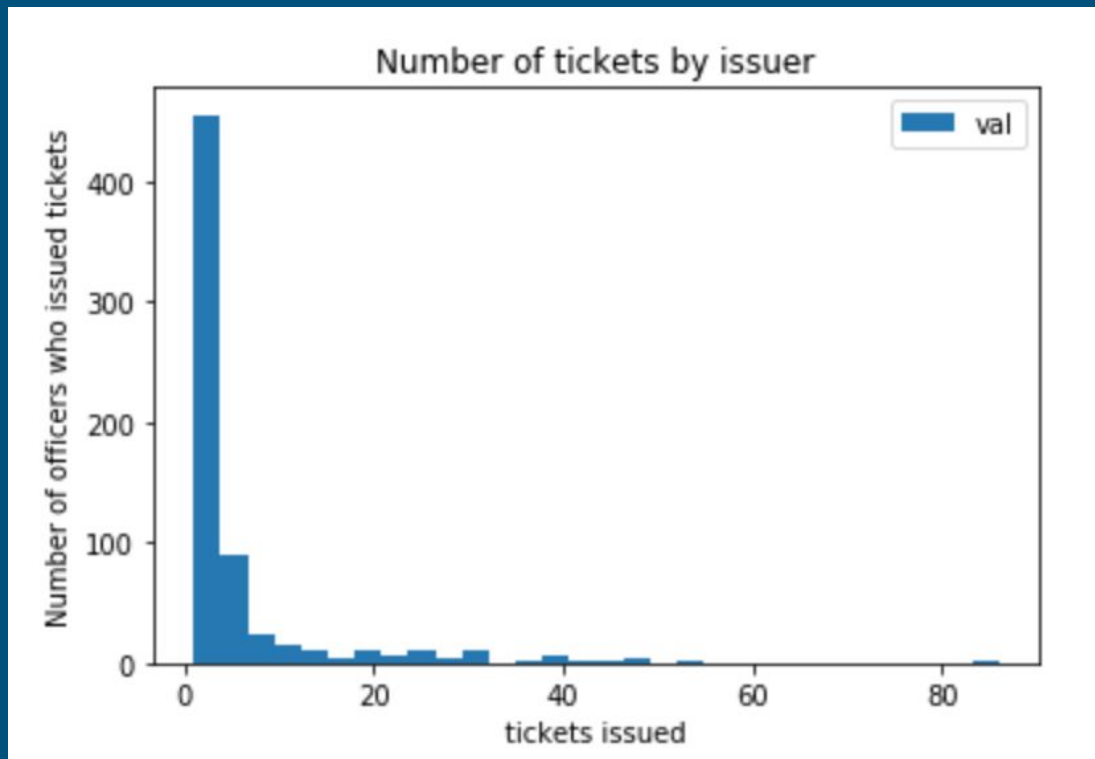
# Summer





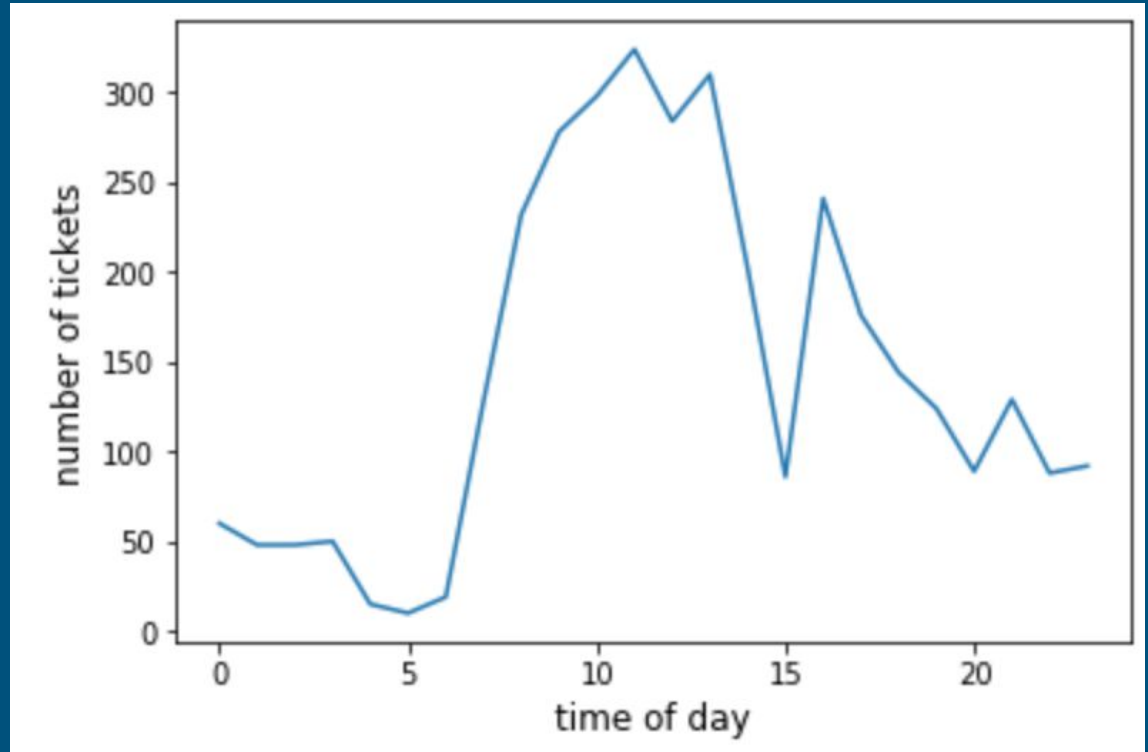
# What Does An Average Day Look Like for an Officer?

- X-axis is the number of tickets issued
- Y-axis is how many officers issued that number of tickets



# What Time Are Tickets Issued?

- Most tickets are issued from 6AM to 2PM
- Shift change times explain low ticket numbers at 5AM and 3PM



# What are your chances of a ticket in LakeView

---

Let's say...

You leave your car unattended in zone 383 on a Friday night from 6pm-12am after a Cubs game. What is the probability you will get a parking ticket?

449 tickets in 60657	6 pm to 12 pm 21 tickets	4.6% of tickets issued within 6 hours	Low probability of getting a ticket issued in that time
----------------------	-----------------------------	---------------------------------------	---