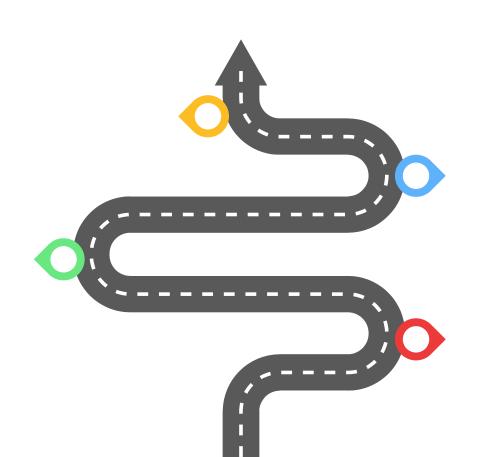
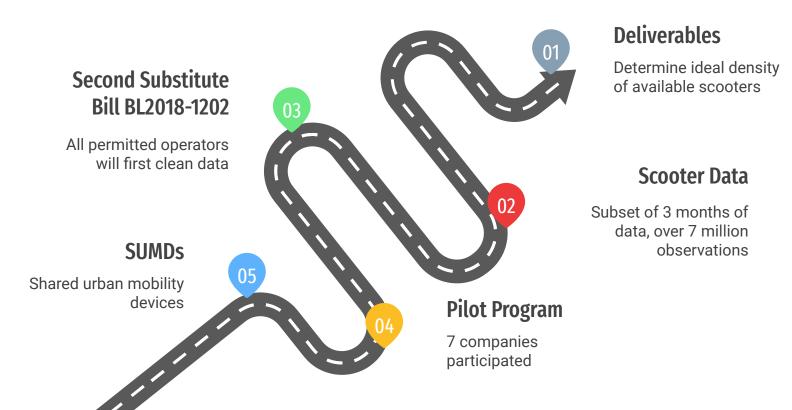
# Nashville Metro Scooters

DA11 Hot Honey: Adell Daly, John Michael Capps, Jonathan McNutt, Melissa Quarles, Savannah Williams



## **Navigating Nashville Scooter Data**



## **Boot n' Scoot Through Nashville**



What companies were in compliance with the bill passed by metro

01

#### **Usage patterns**

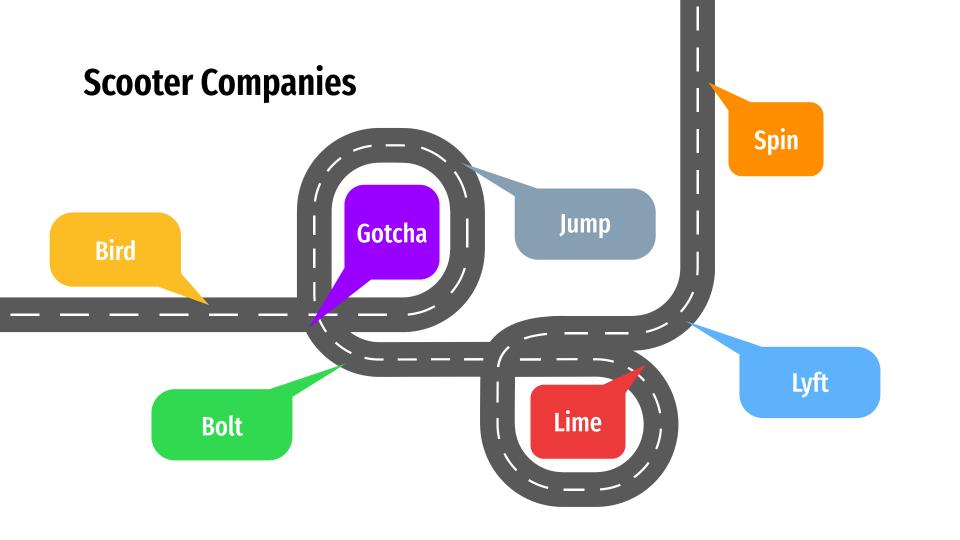
Usage patterns in regards to time, duration, location



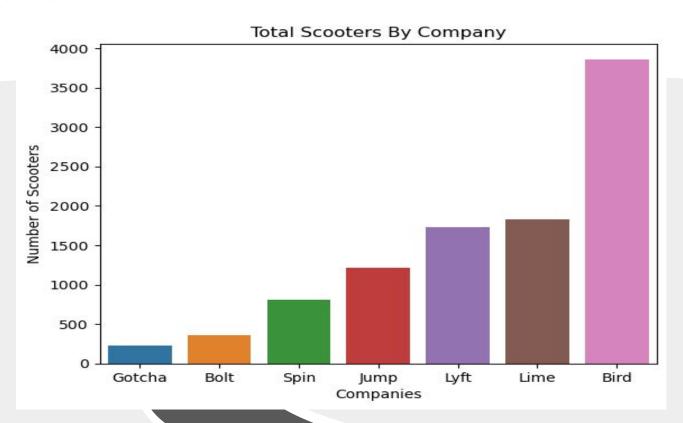
#### **Recommendations**

Appropriate number of scooters for the city as well as zip

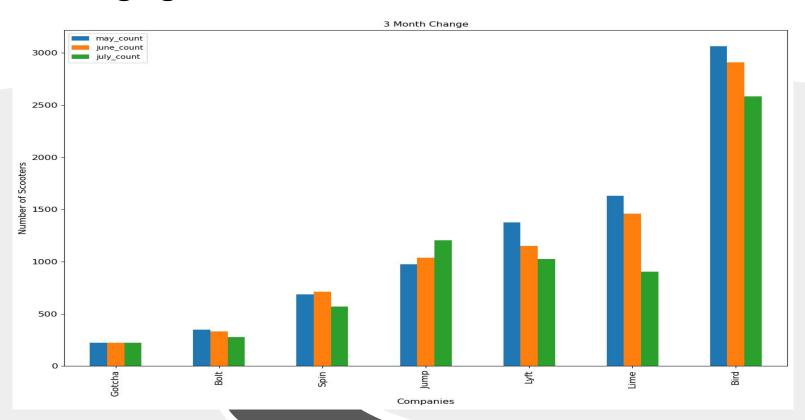




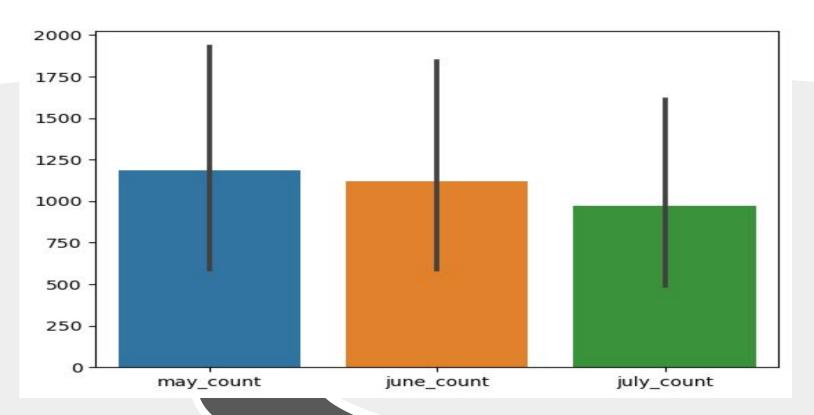
## **Deployed**



# **Changing Direction**



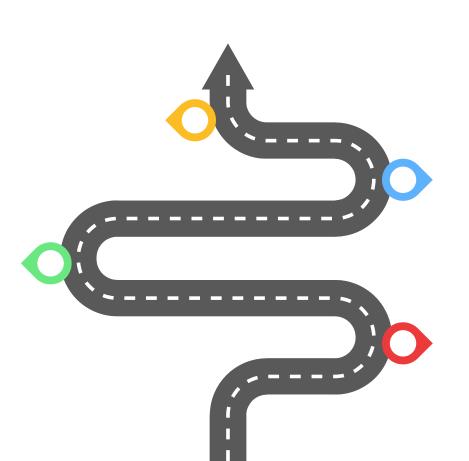
# **Changing Direction**



# Second Substitute Bill BL2018-1202

All permitted operators will first clean data before providing or reporting data to Metro. Data processing and cleaning shall include:

- Removal of staff servicing and test trips
- Removal of trips below one minute
- Trip lengths are capped at 24 hours



# Compliance with Second Substitute Bill BL2018-1202 Over 24 Hours



#### Bolt

351 trips over 24 hours not removed

#### Spin

28 trips over 24 hours not removed

#### Lyft

2 trips over 24 hours not removed







# Compliance with Second Substitute Bill BL2018-1202 Under 1 minute



#### Lyft

1329 under 1 minute not removed

#### Bird

1229 trips under 1 minute not removed

#### Lime

383 under 1 minute not removed



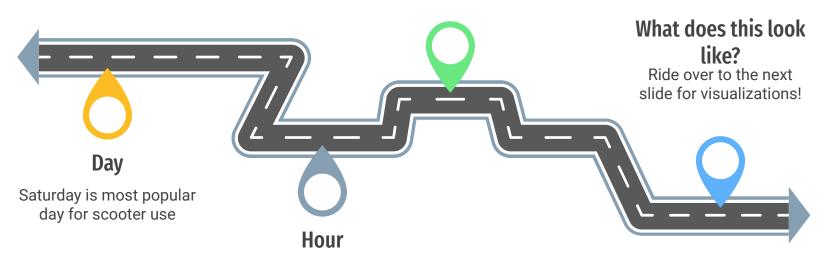




## **Scooter Density**

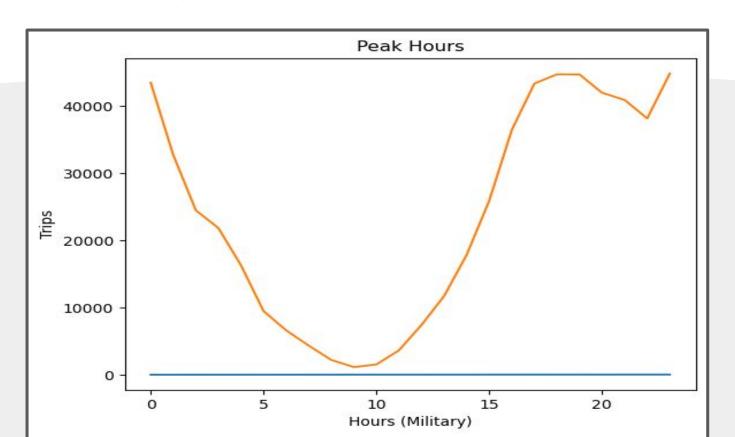
#### Location

37203 had the largest number of scooters used



The night time hours sustain for more frequent scooter use

## Is Taco Bell Open?



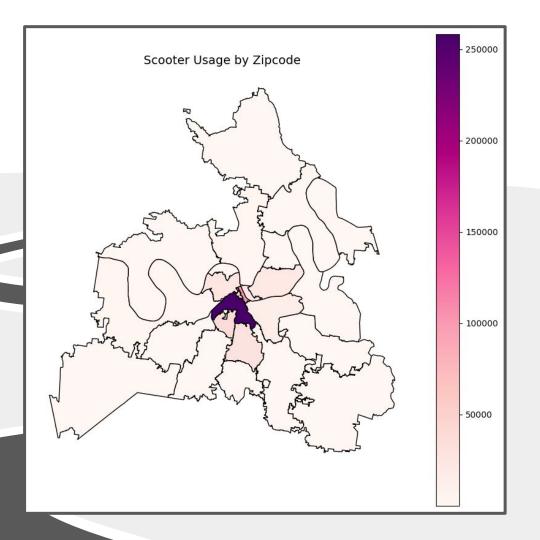
hour	count
23	44832
18	44717
19	44698
0	43462
17	43339
20	41973
21	40902
22	38149

week_day	count
Saturday	7994
Sunday	7750
Friday	7685
Monday	7272
Wednesday	7223
Thursday	7214
Tuesday	7007

weekend_	hours count
19	33218
23	32989
18	32869
17	31533
20	31301
21	31013

# Scooter Usage by Zipcode

- 37203
- 37201
- 37219



# Scooter Trips Start Points 37203

