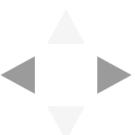
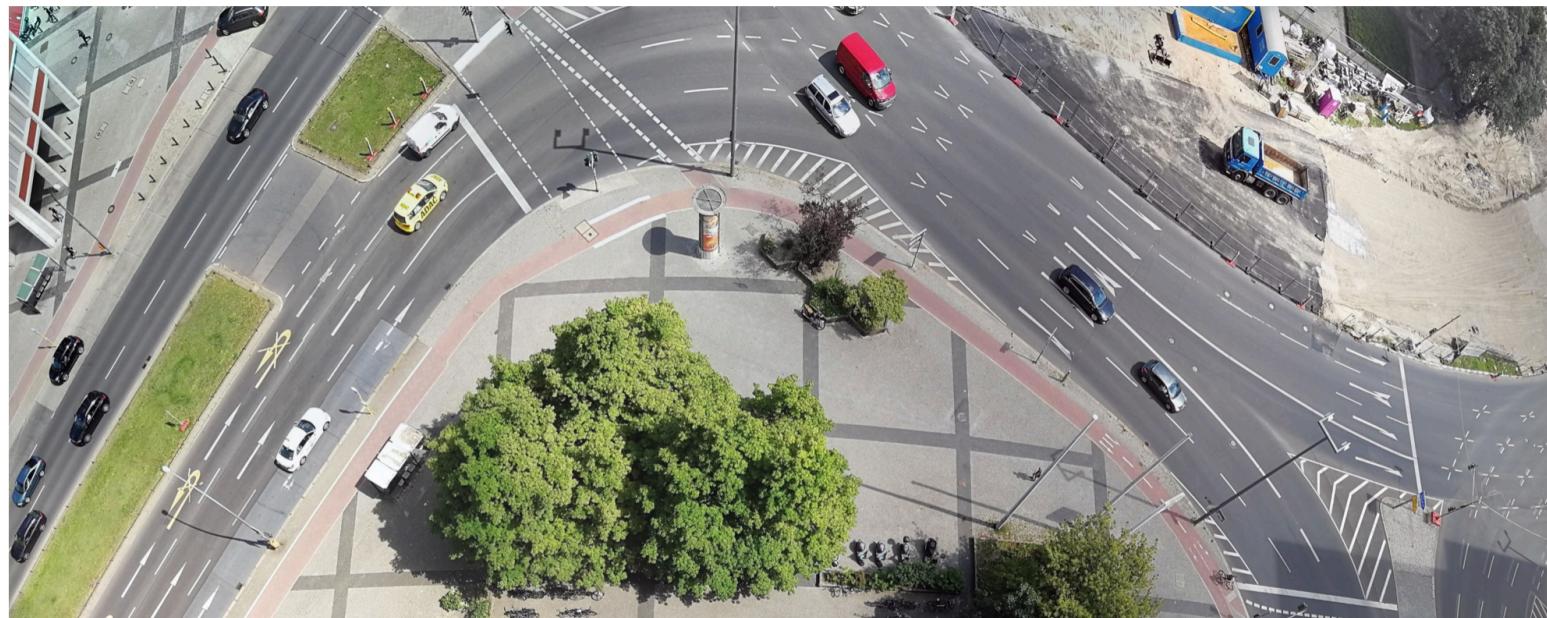


# Unsere Mission.

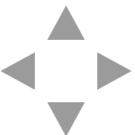


# Sensoren der Senatsverwaltung im Flow Projekt

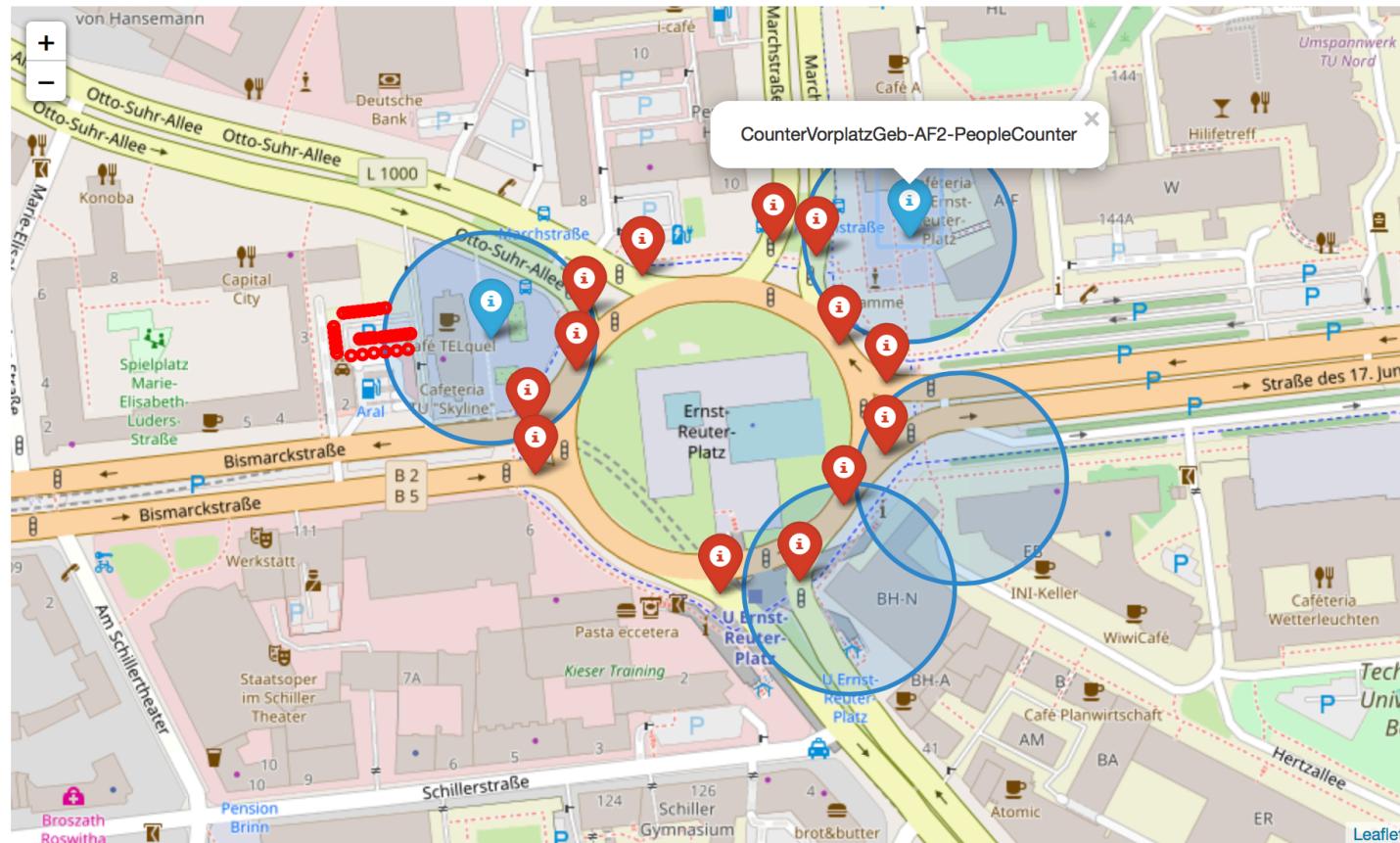


---

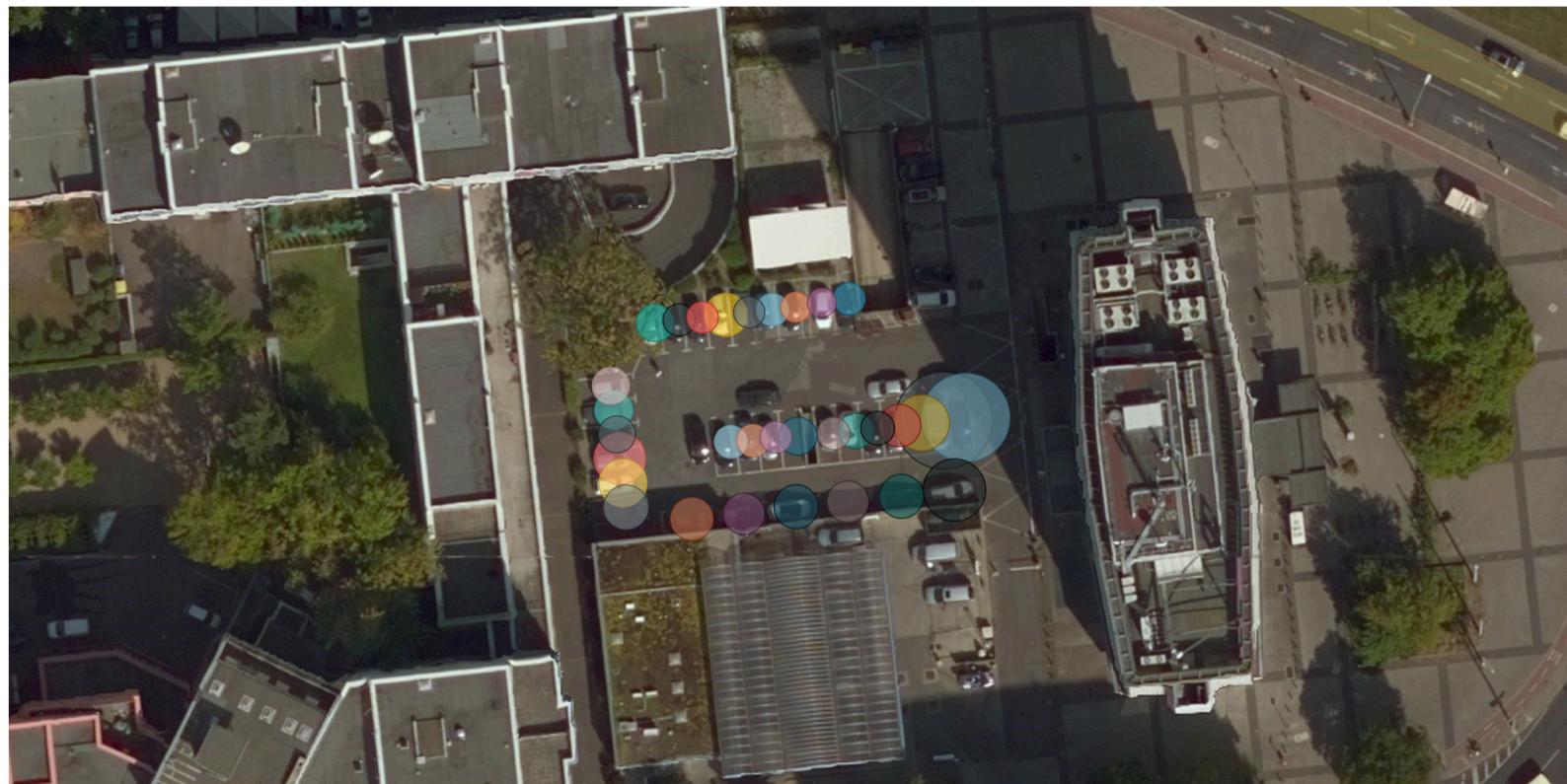
**Sensoren Visualisierungstool** 🎈



Out[6] :

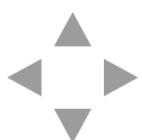


## Parking Daten

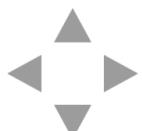


Average Occupied Overall 6:00 - 22:00

Out[7]:



Average Occupied Thursday 6:00 - 22:00



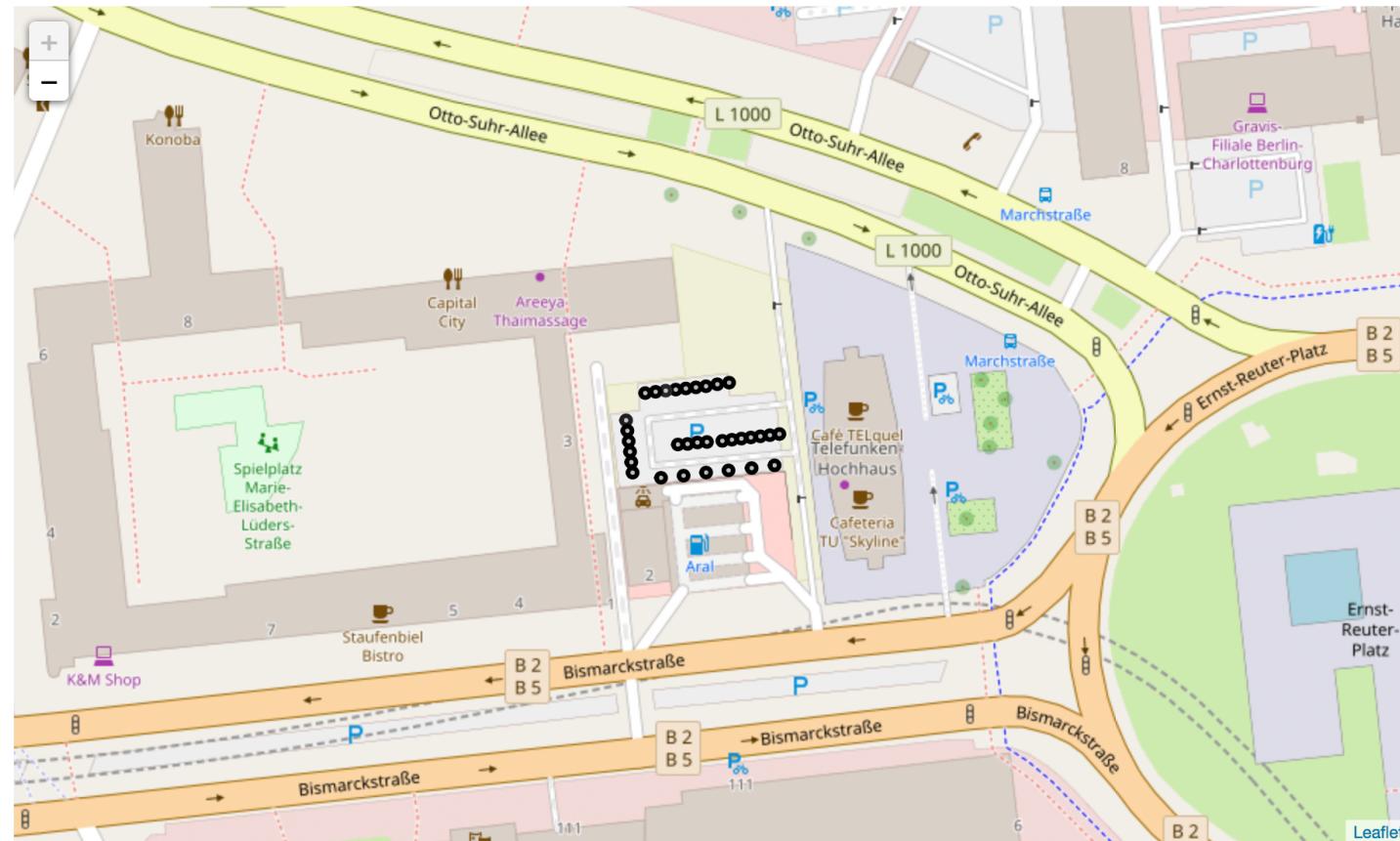
Average Occupied Sundays 6:00 - 22:00

] :



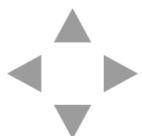
Average Occupied Overall 6:00 - 14:00

Out[10]:

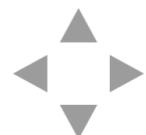


Average Occupied Overall 14:00 - 22:00

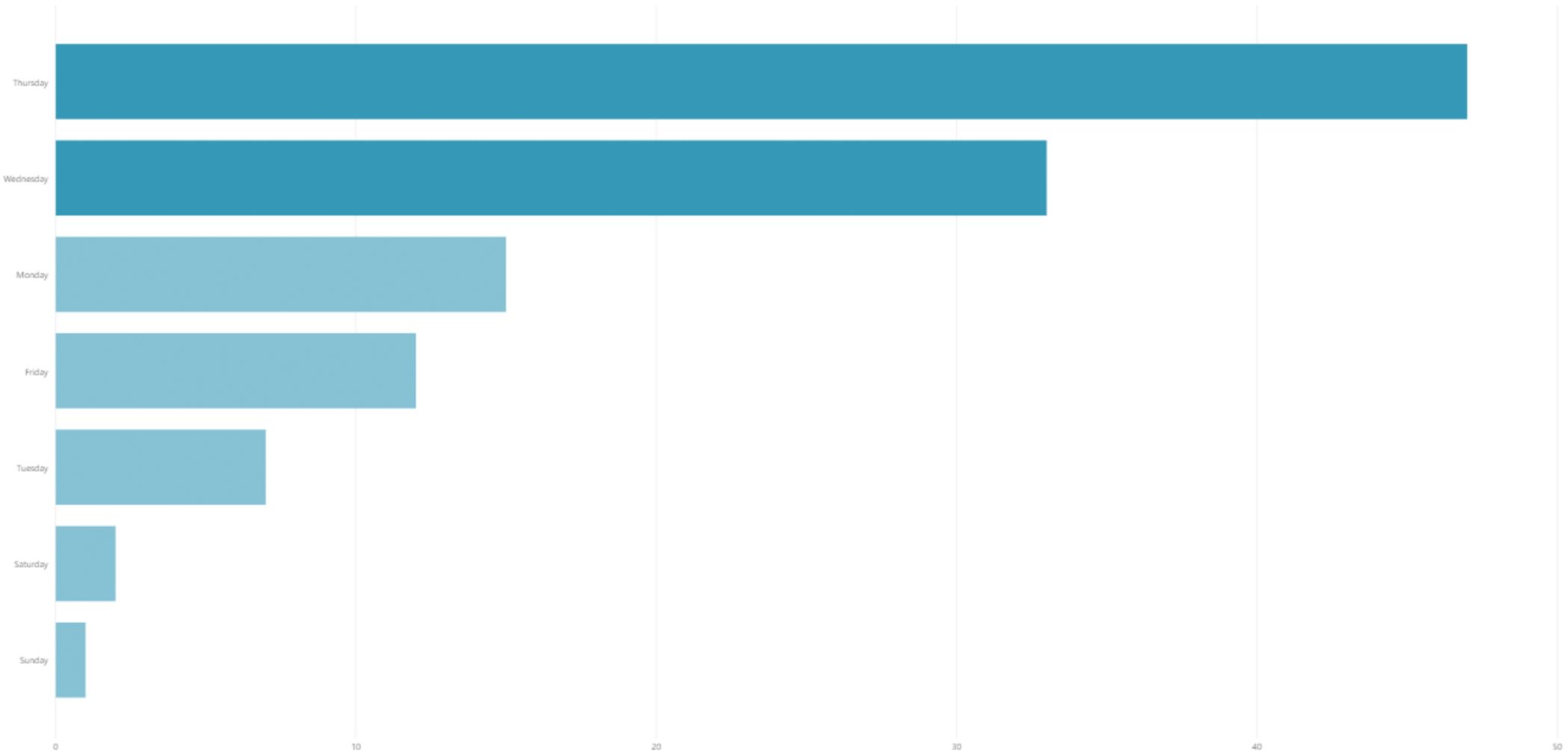
Out[11]:



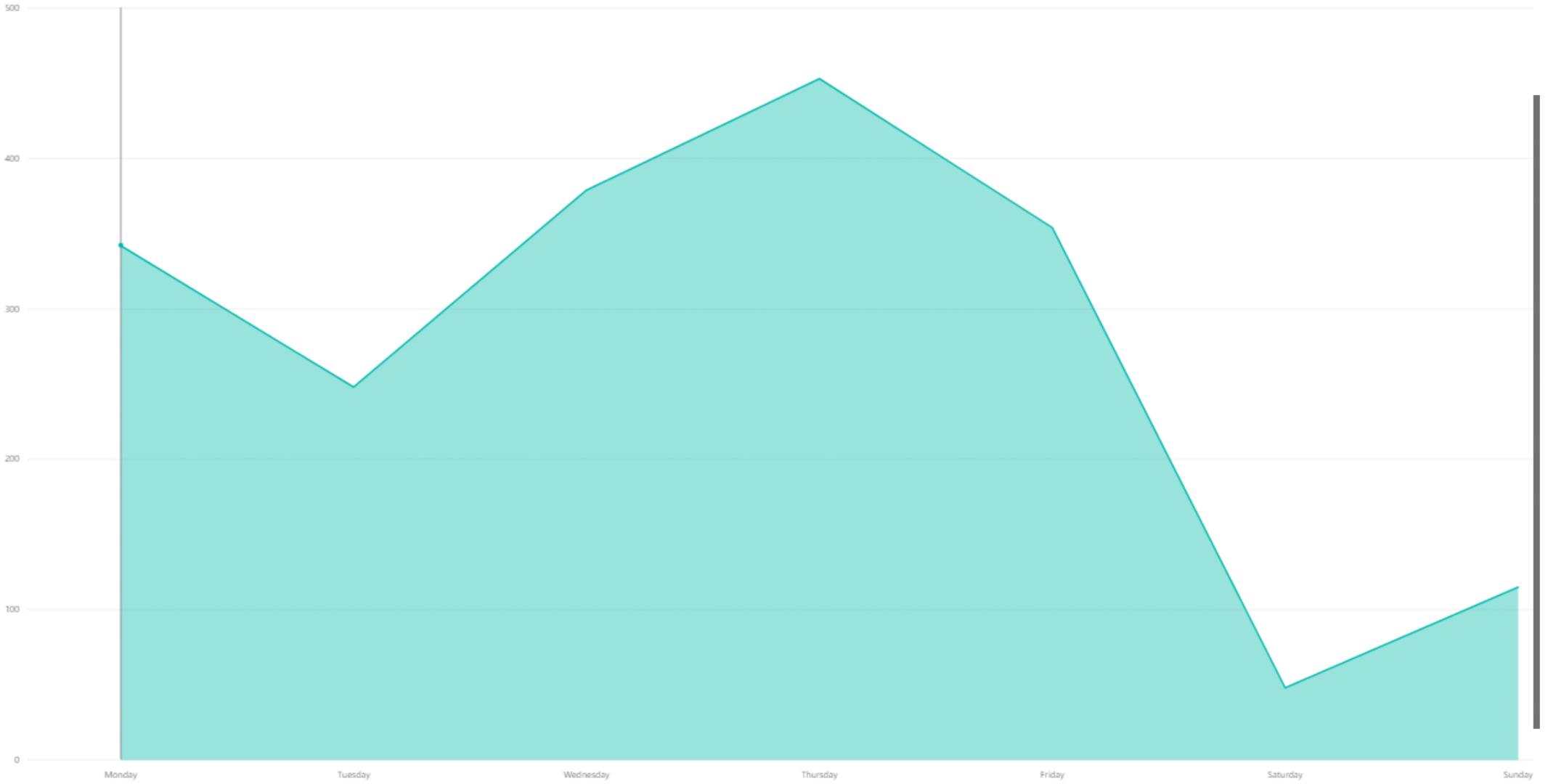
## Top 5 Parking Spots by Overall Occupied by Month



## Overall frequency ranked by day of the week



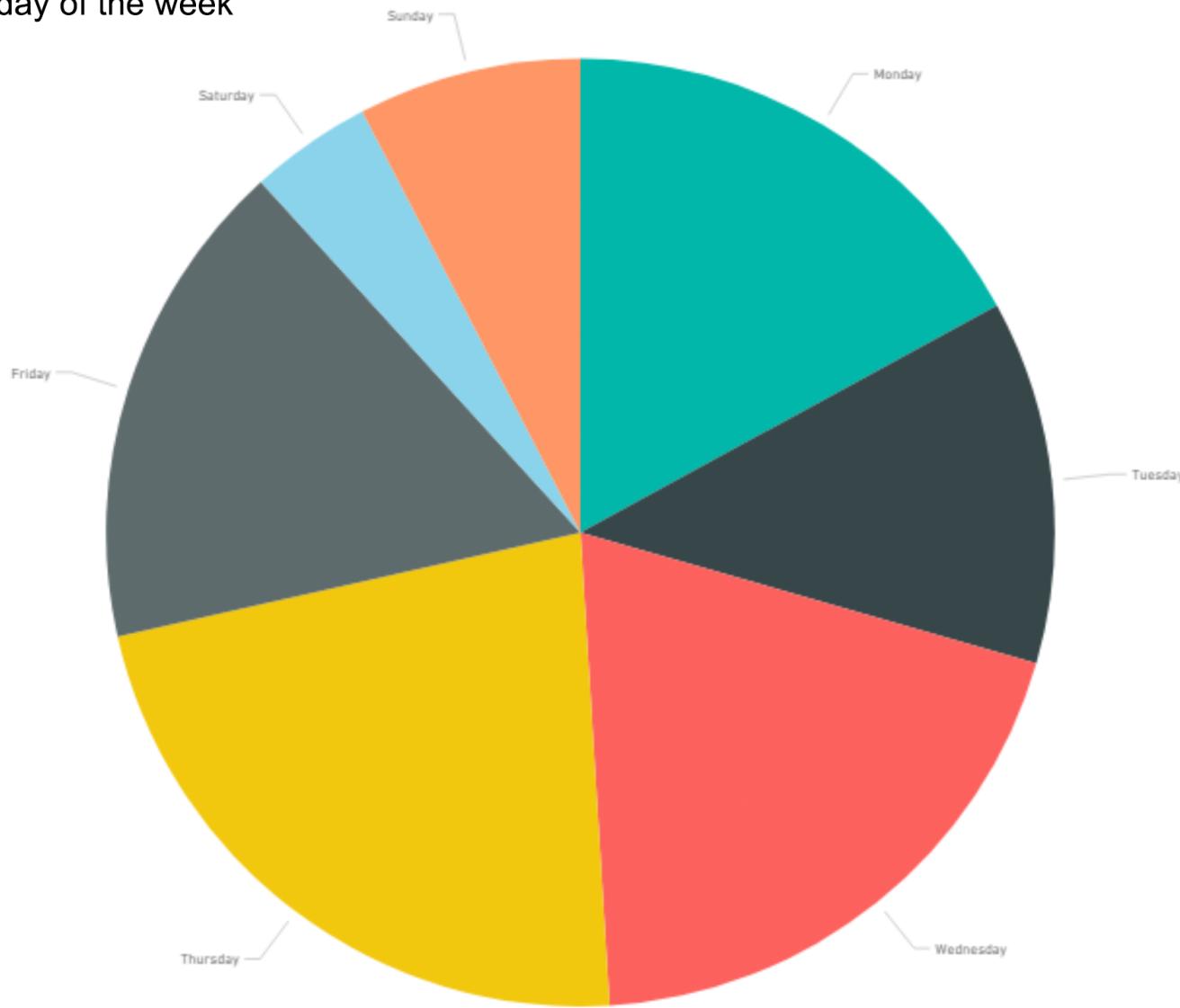
## Overall frequency by day of the week



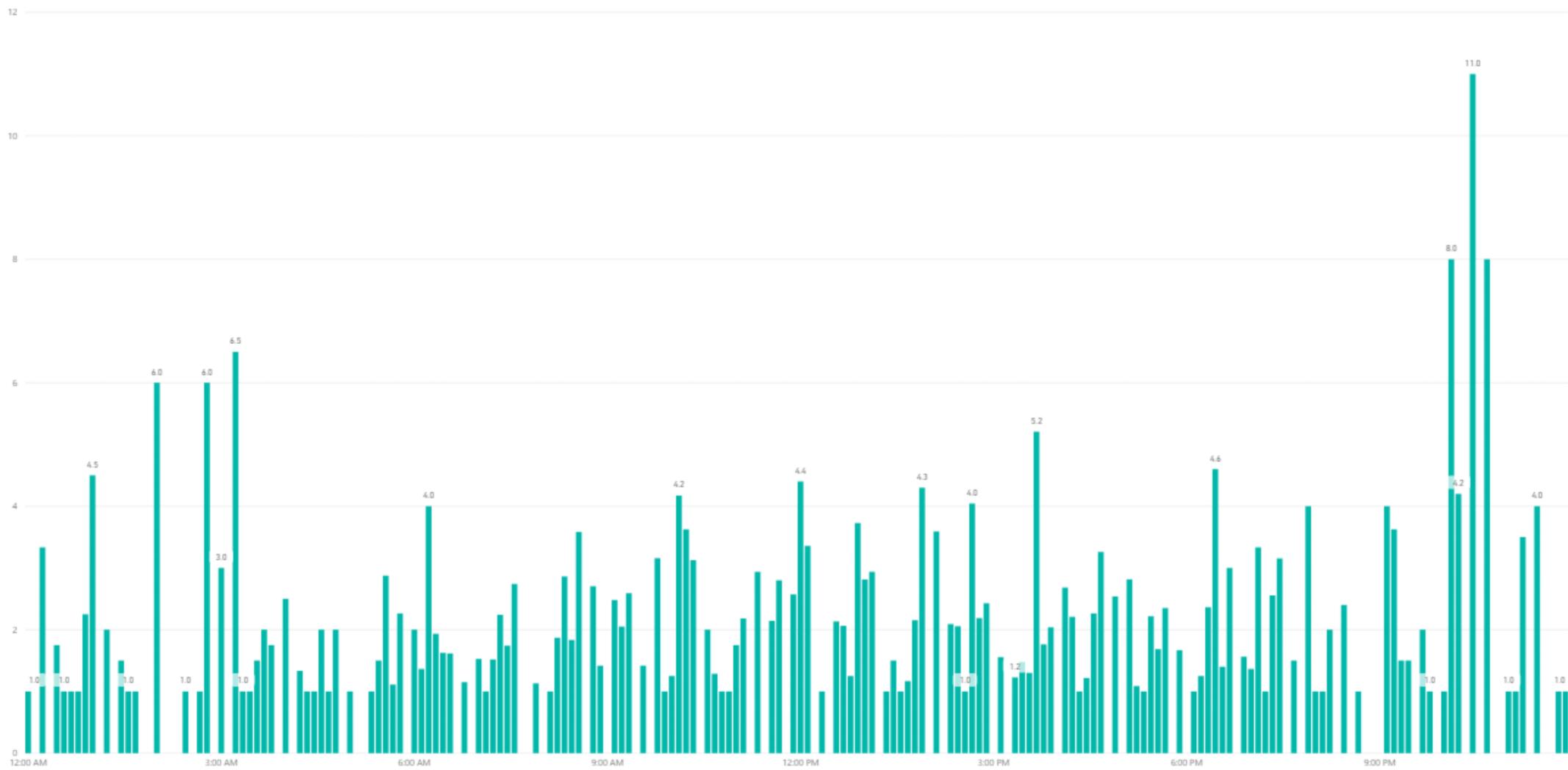
Source: ds\_01



## Overall frequency by day of the week

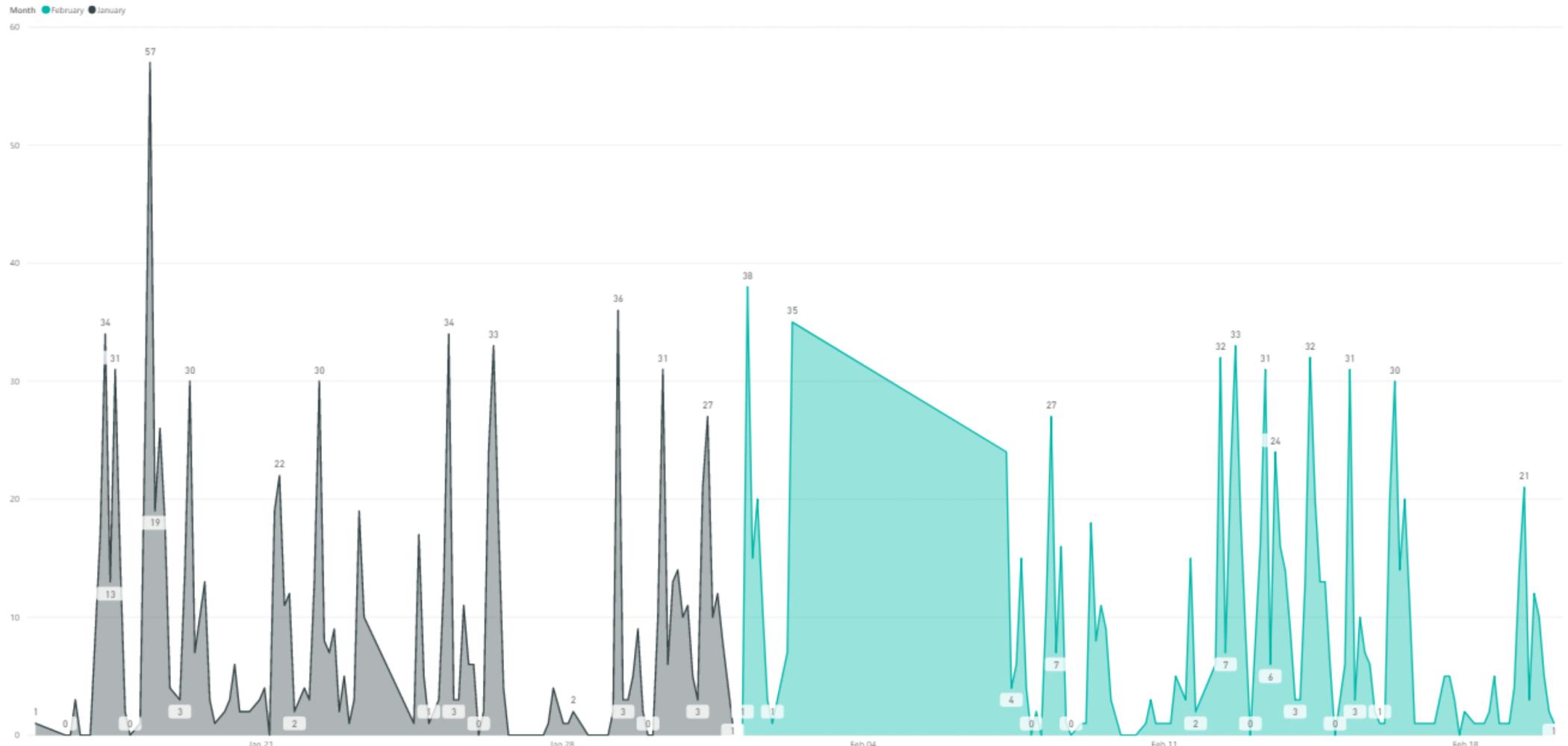


## Overall frequency by time of day



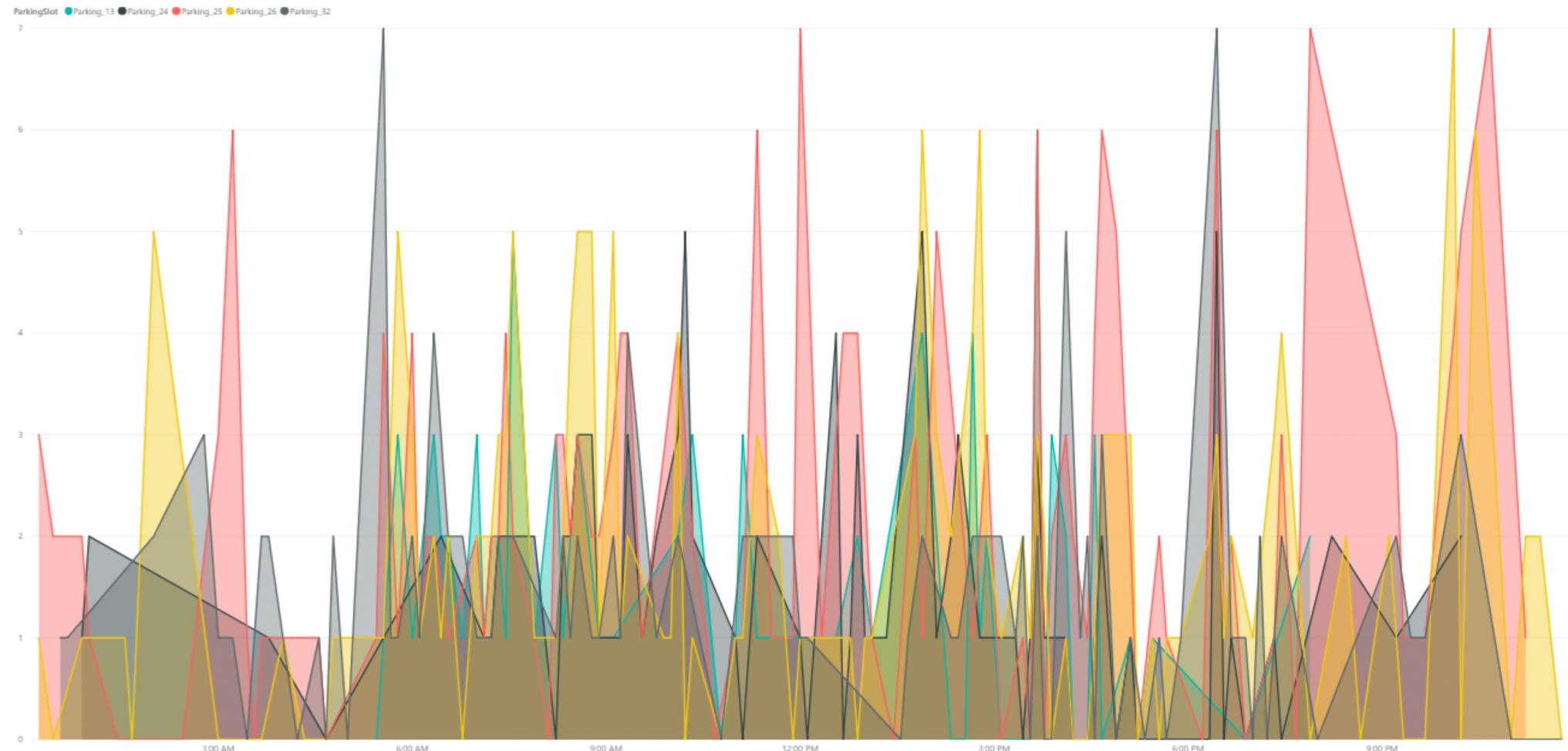
Source: ds\_01

## Frequency by day



Source: ds\_01

## Top 5 Parking Spots Frequency by time of day



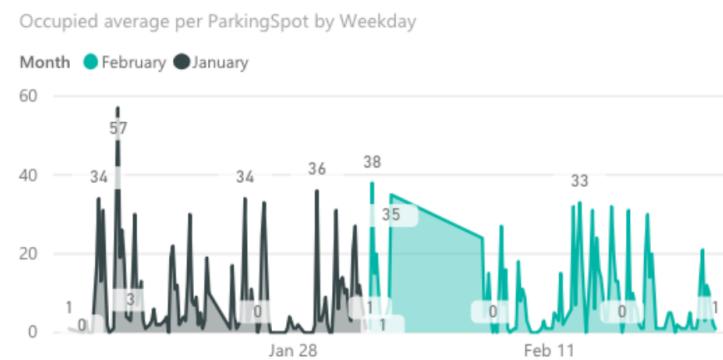
Source: ds\_01

## PARKING

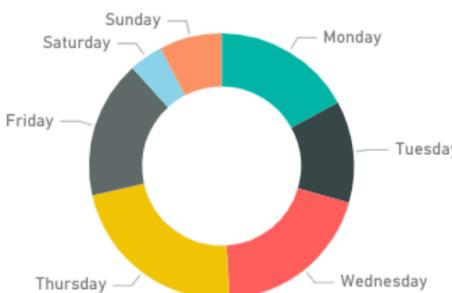
## MONTH

1/9/2018

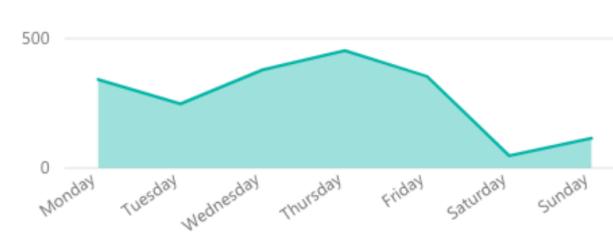
2/20/2018



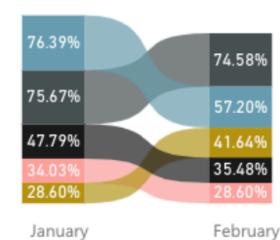
### Count of Occupied average per ParkingSpotID by Weekday



### Occupied by Weekday



### Top 5 average per ParkingSpot per Month



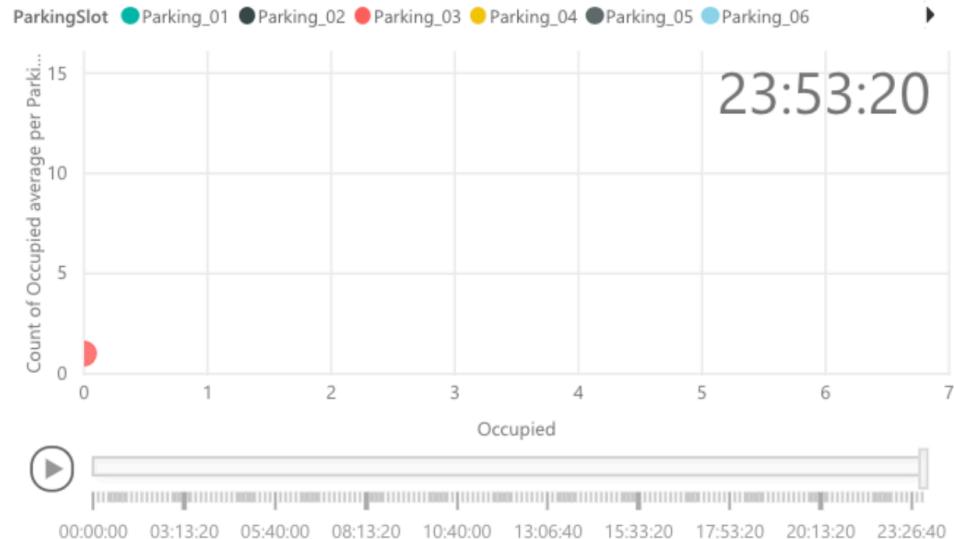
- ParkingSlot
- Parking\_13
- Parking\_24
- Parking\_25
- Parking\_26
- Parking\_32

# PARKING

1/9/2018    2/20/2018



Occupied ParkingSlots by Time



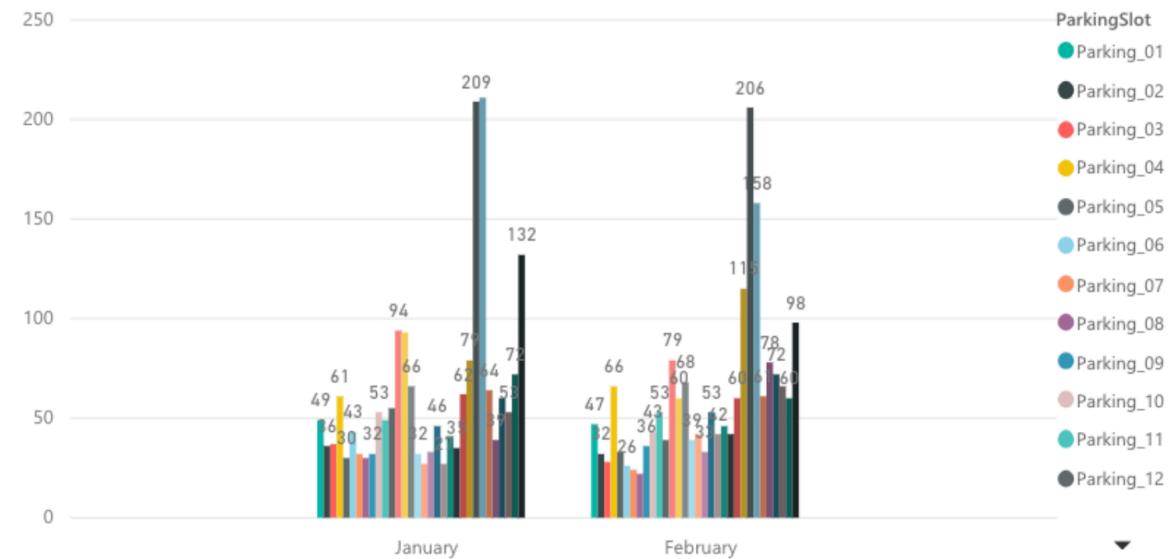
ParkingSlot

All

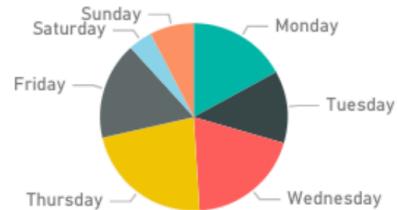
Weekday

All

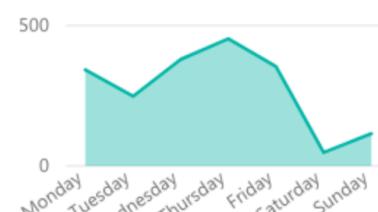
Count of Occupied average per ParkingSpot by Datum/Weekday/Time



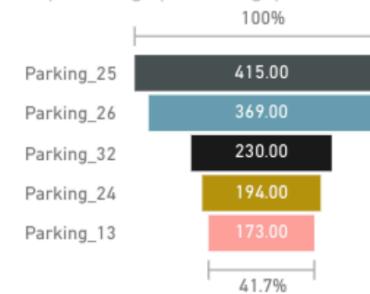
Count of Occupied average per ParkingSpotID by Weekday



Occupied by Weekday

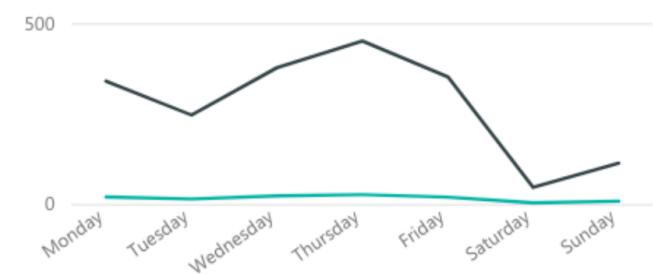


Top 5 average per ParkingSpot

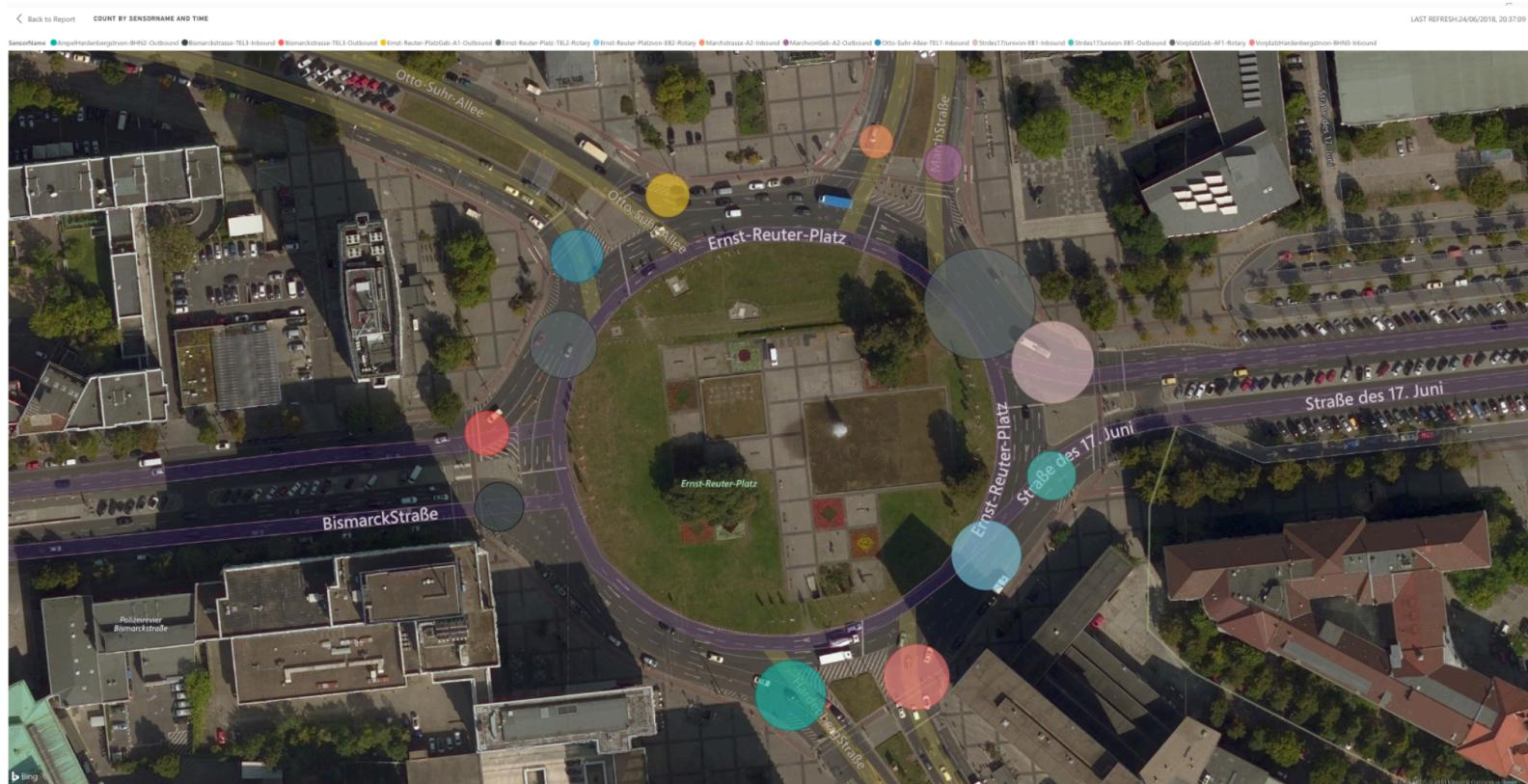


Occupied average per ParkingSpot by Weekday

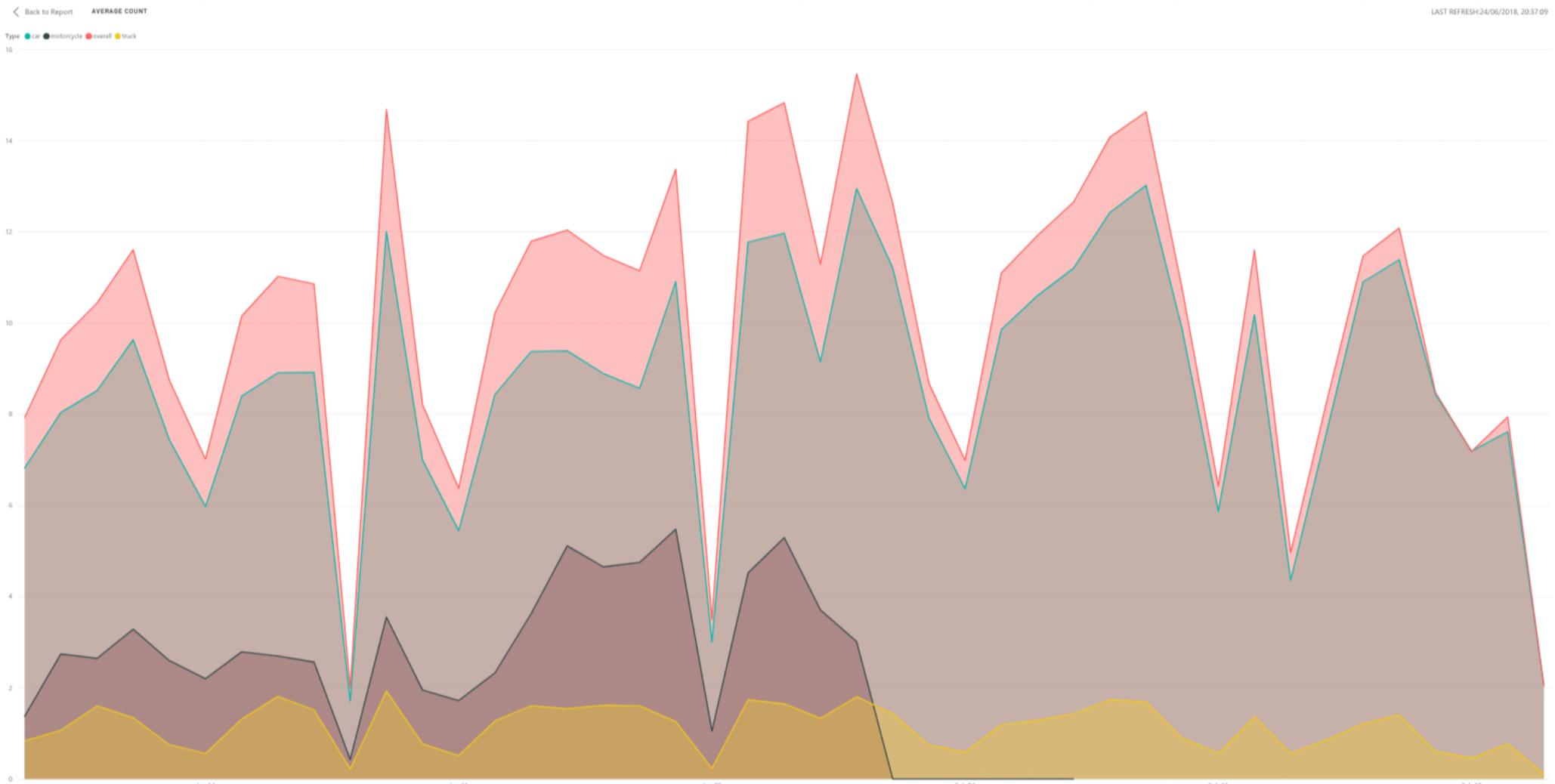
● Count of Occupied average per ParkingSpotID ● Occupied



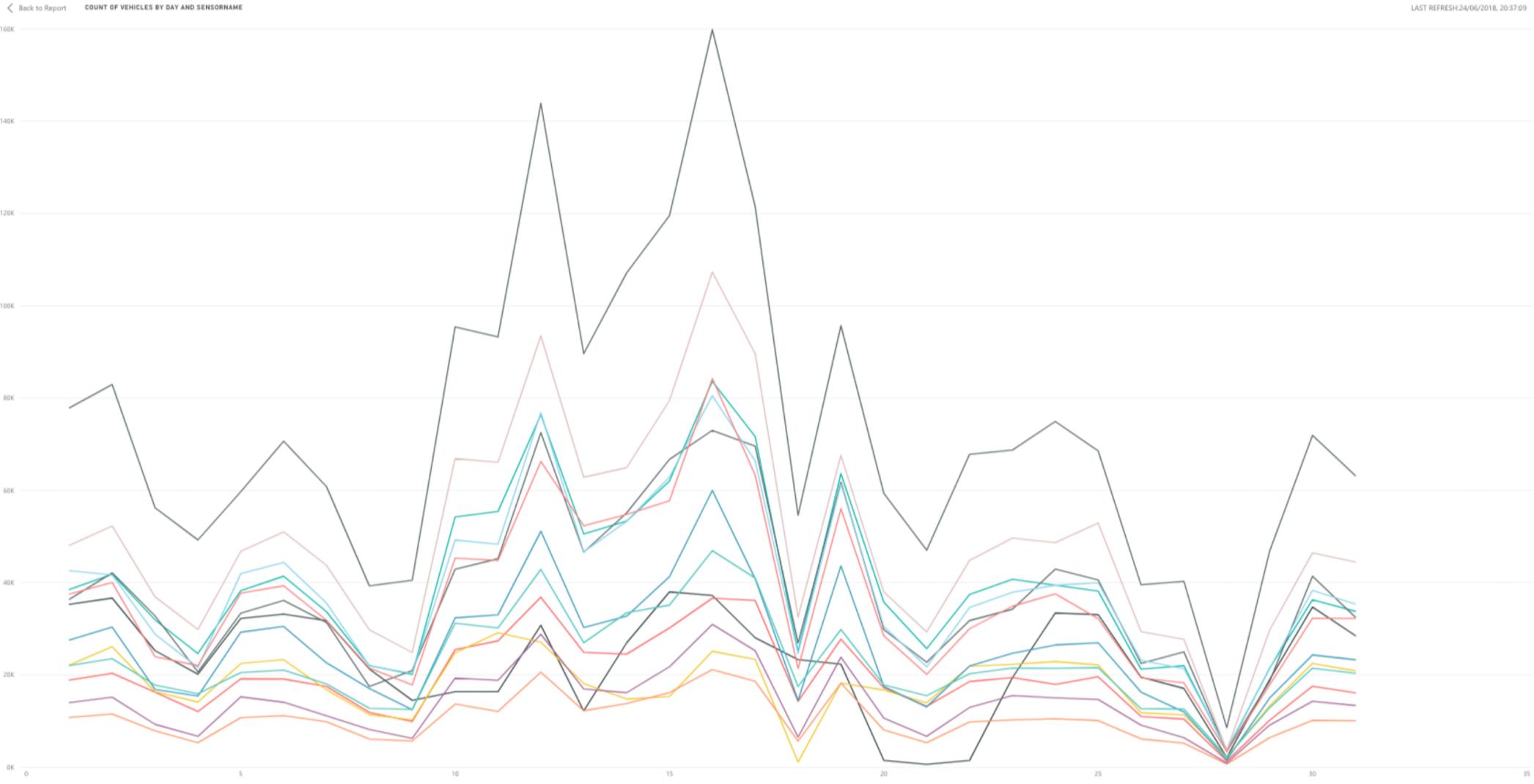
# Traffic



## Traffic by vehicle type by day



## Overall traffic by vehicle type by time of day



## Average Count by type (high density sampling)

[Back to Report](#) AVERAGE COUNT BY TYPE (HIGH DENSITY SAMPLING)

LAST REFRESH: 24/06/2018, 20:37:09

Type ● car ● motorcycle ● overall ● truck

35

30

25

20

15

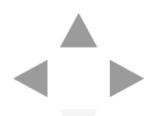
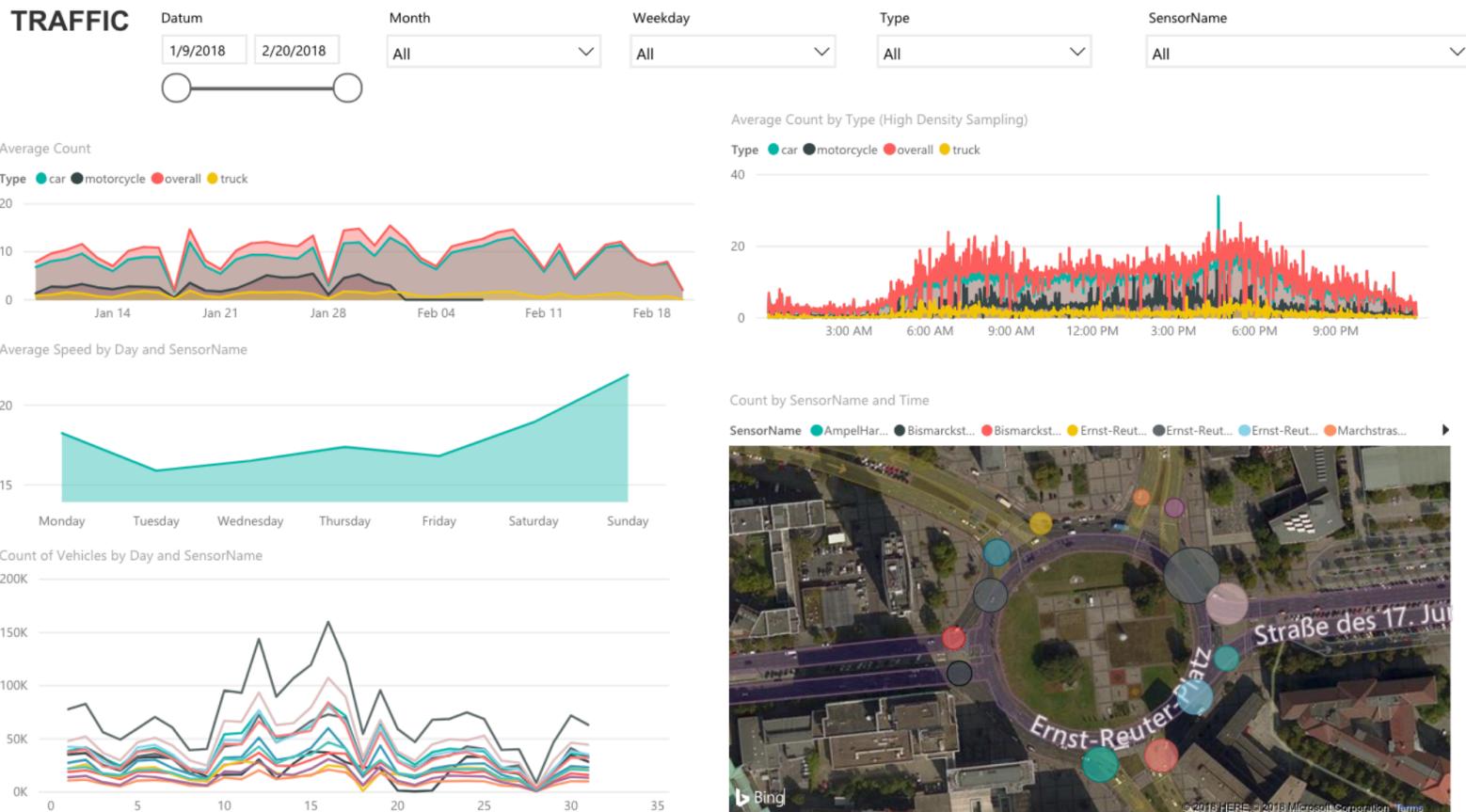
10

5

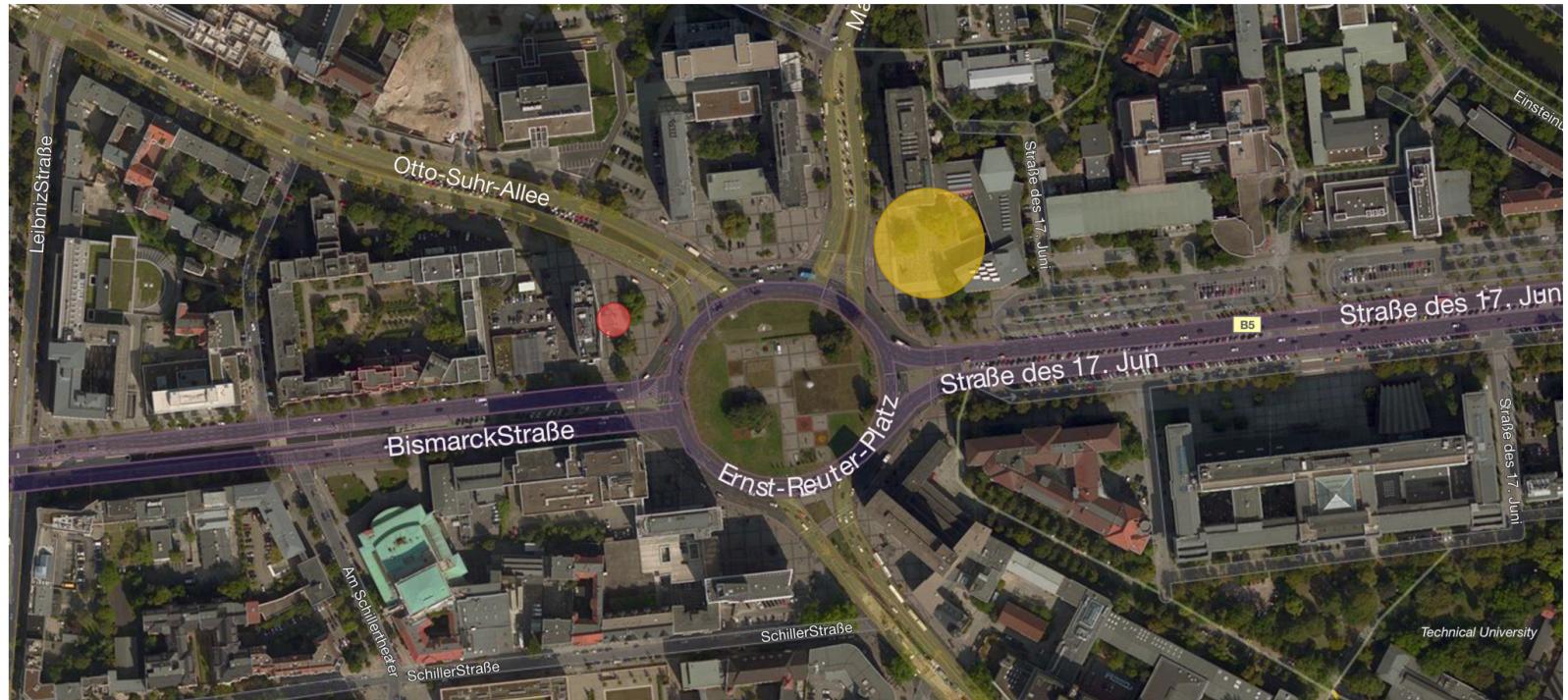
0

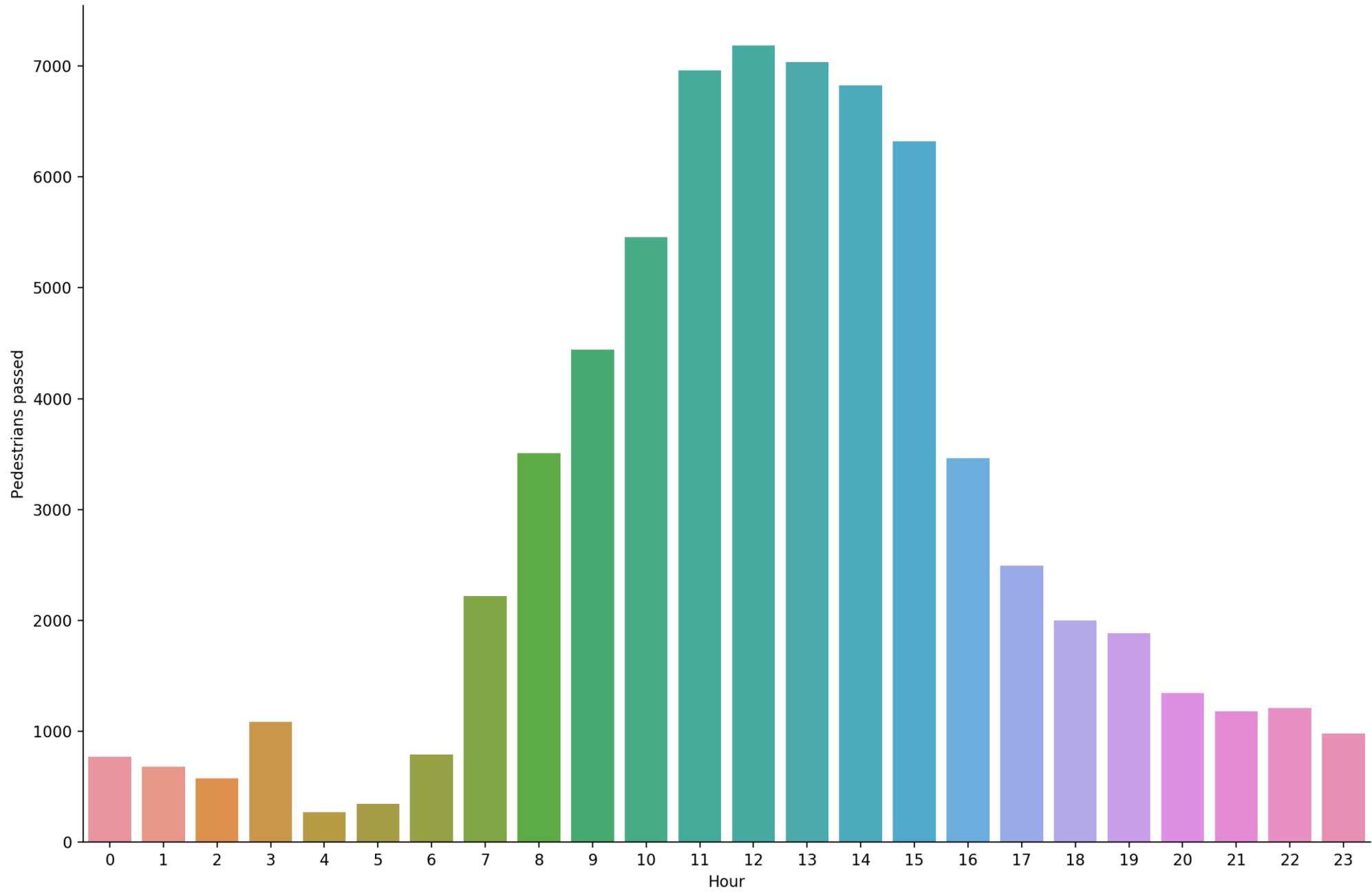
3:00 AM 6:00 AM 9:00 AM 12:00 PM 3:00 PM 6:00 PM 9:00 PM

This chart displays the average count of vehicles by type over a 24-hour period using high-density sampling. The Y-axis represents the count, ranging from 0 to 35. The X-axis shows time intervals from 3:00 AM to 9:00 PM. The legend identifies four categories: car (cyan), motorcycle (black), overall (red), and truck (yellow). The overall count (red) shows the highest peaks, reaching approximately 24 at 6:00 AM and 27 at 3:00 PM. The car count (cyan) has a major peak of about 32 at 3:00 PM. The motorcycle count (black) and truck count (yellow) generally remain below 10 throughout the day.



## Fußgänger





## The Mysterious Outlier

AVERAGE PEDESTRIAN COUNT BY TYPE (HIGH DENSITY SAMPLING)

Direction ● IN ● OUT

1400

1200

1000

800

600

400

200

0



3:00 AM

6:00 AM

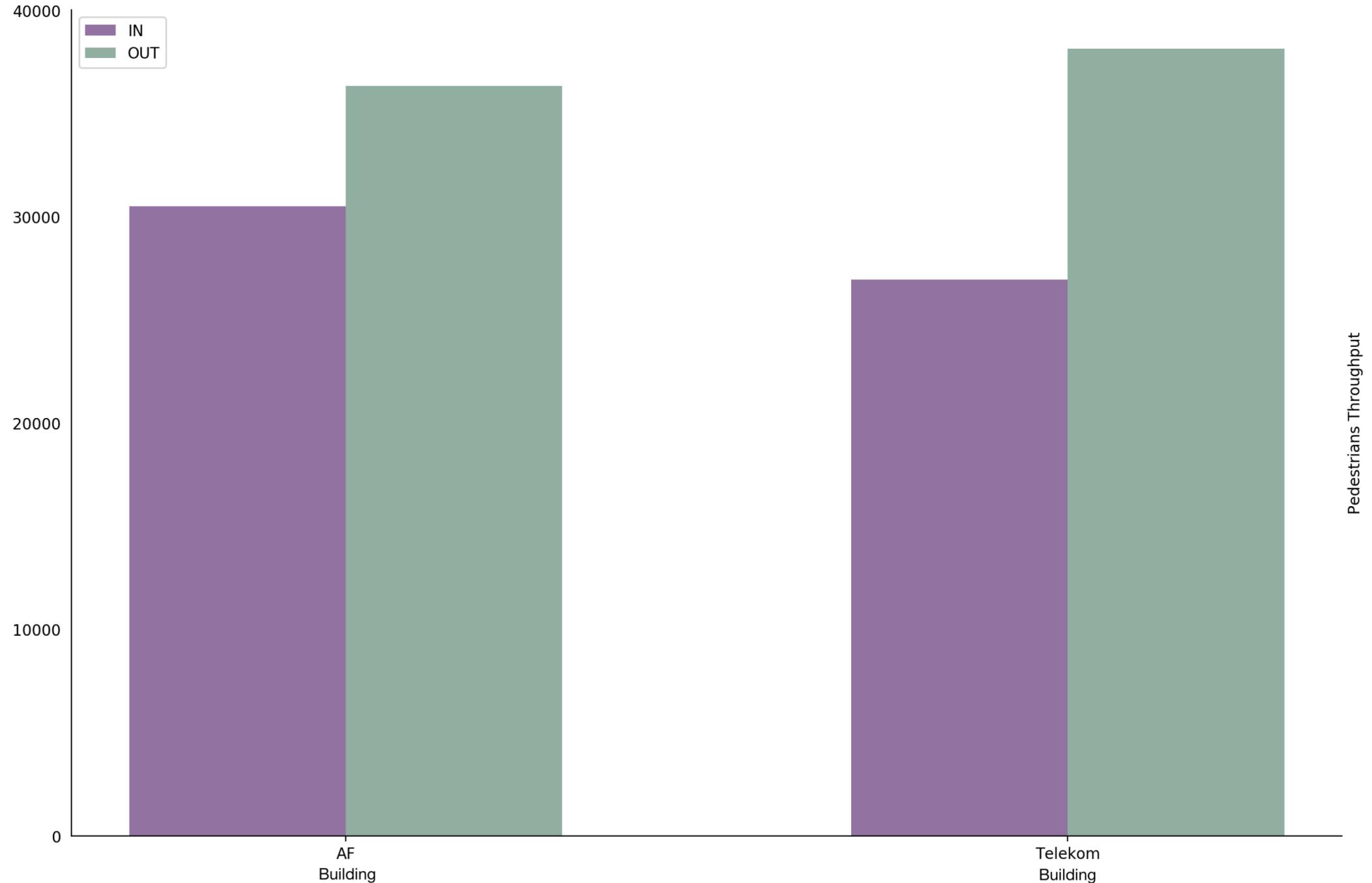
9:00 AM

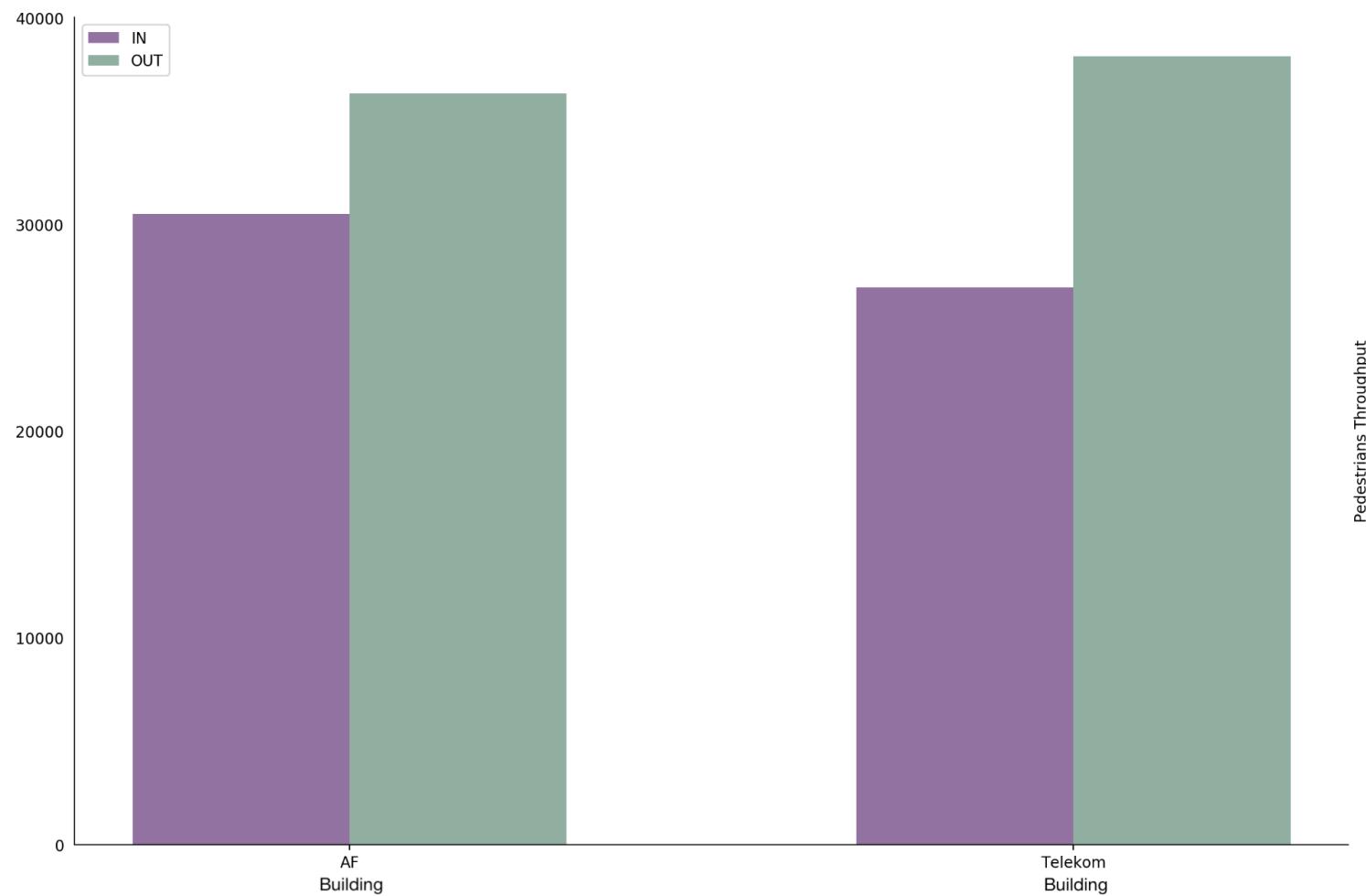
12:00 PM

3:00 PM

6:00 PM

9:00 PM



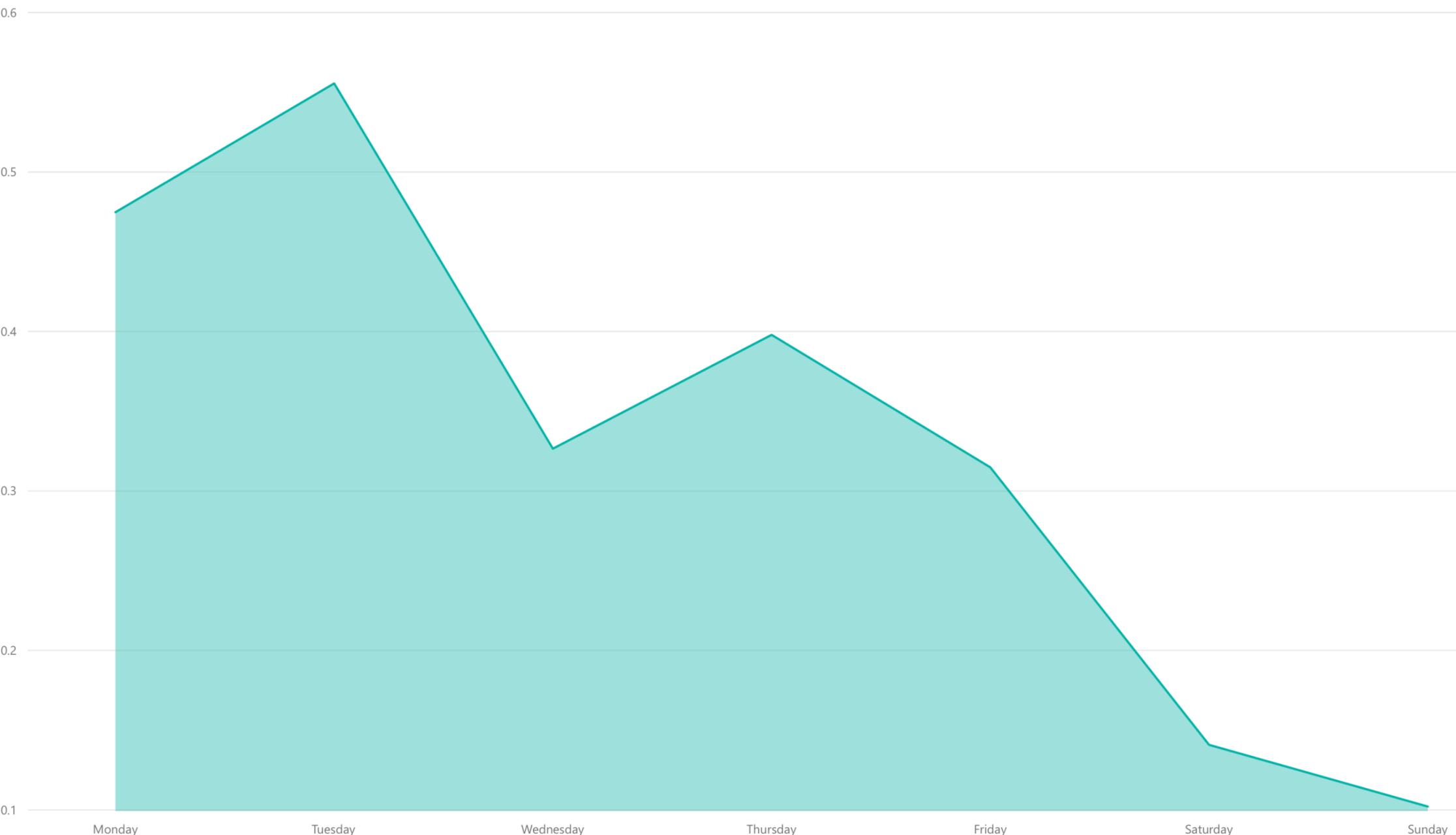


The buildings must be spawning pedestrians from the cellar 😱🏃‍♀️  
Or there might be different entries to the building...

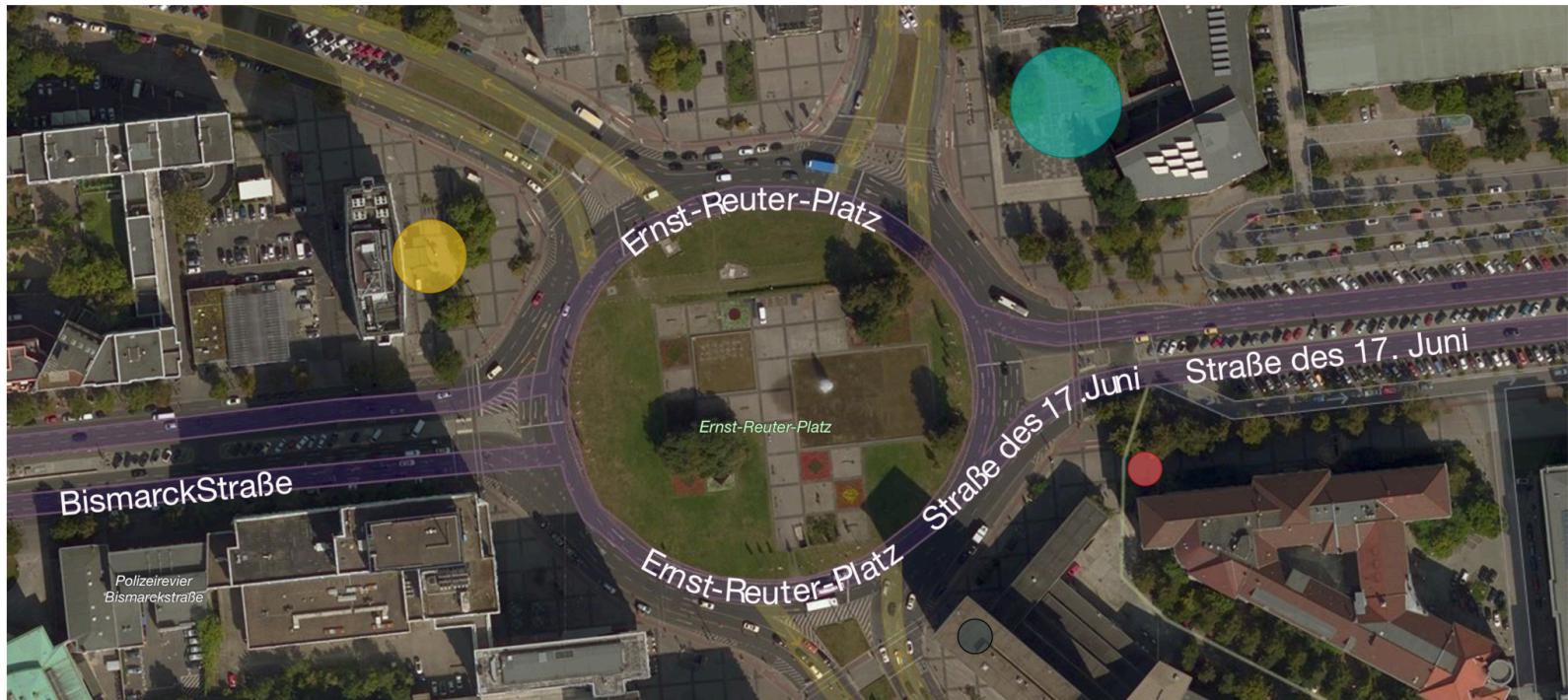


## Overall

AVERAGE PEDESTRIAN COUNT BY DAY



# WIFI Connections



## Devices Tracked

**Bubble Size:**  
approximate average  
connection duration

50000

40000

30000

20000

10000

0

5

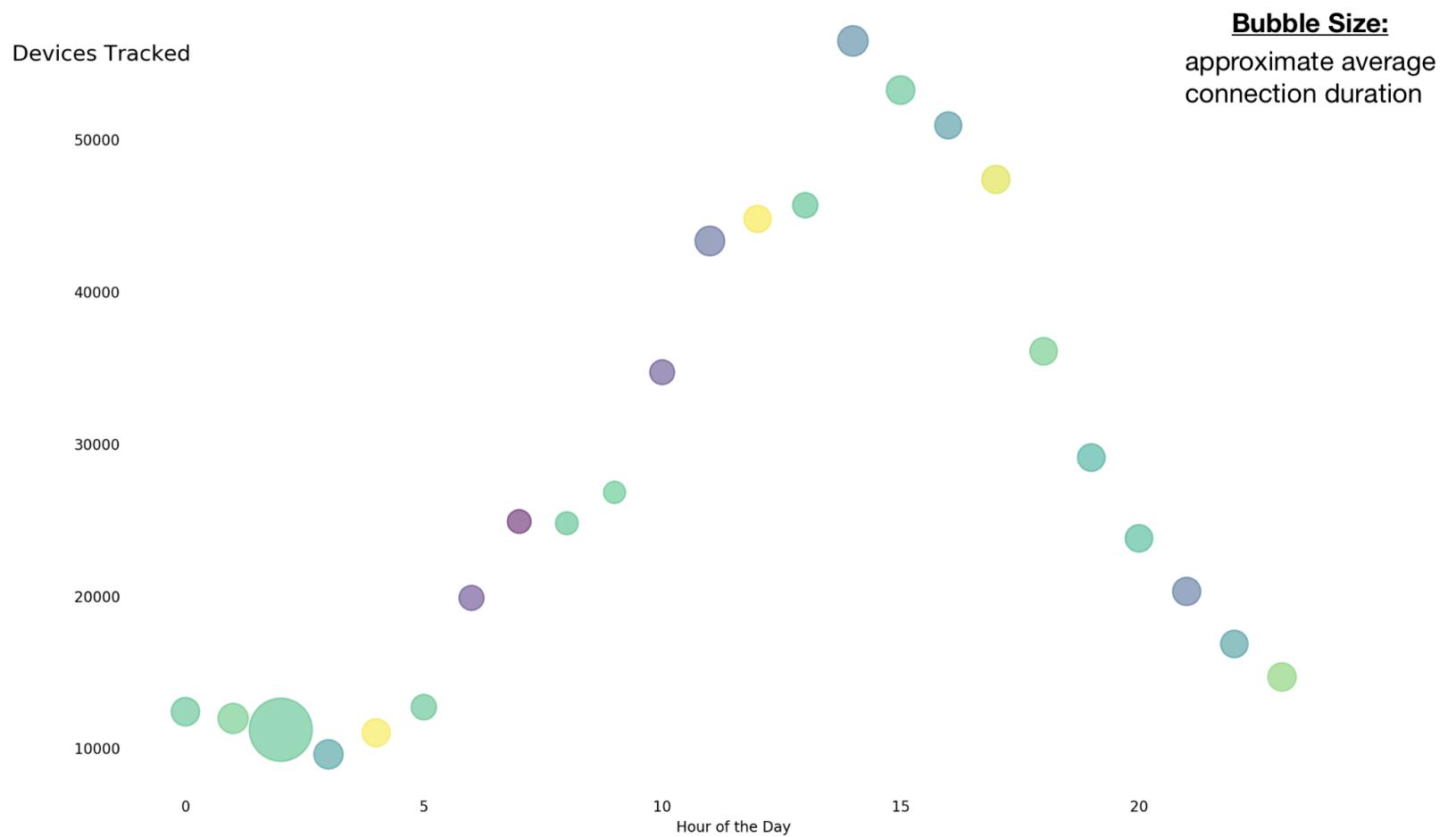
10

15

20

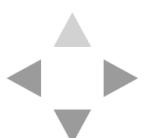
Hour of the Day





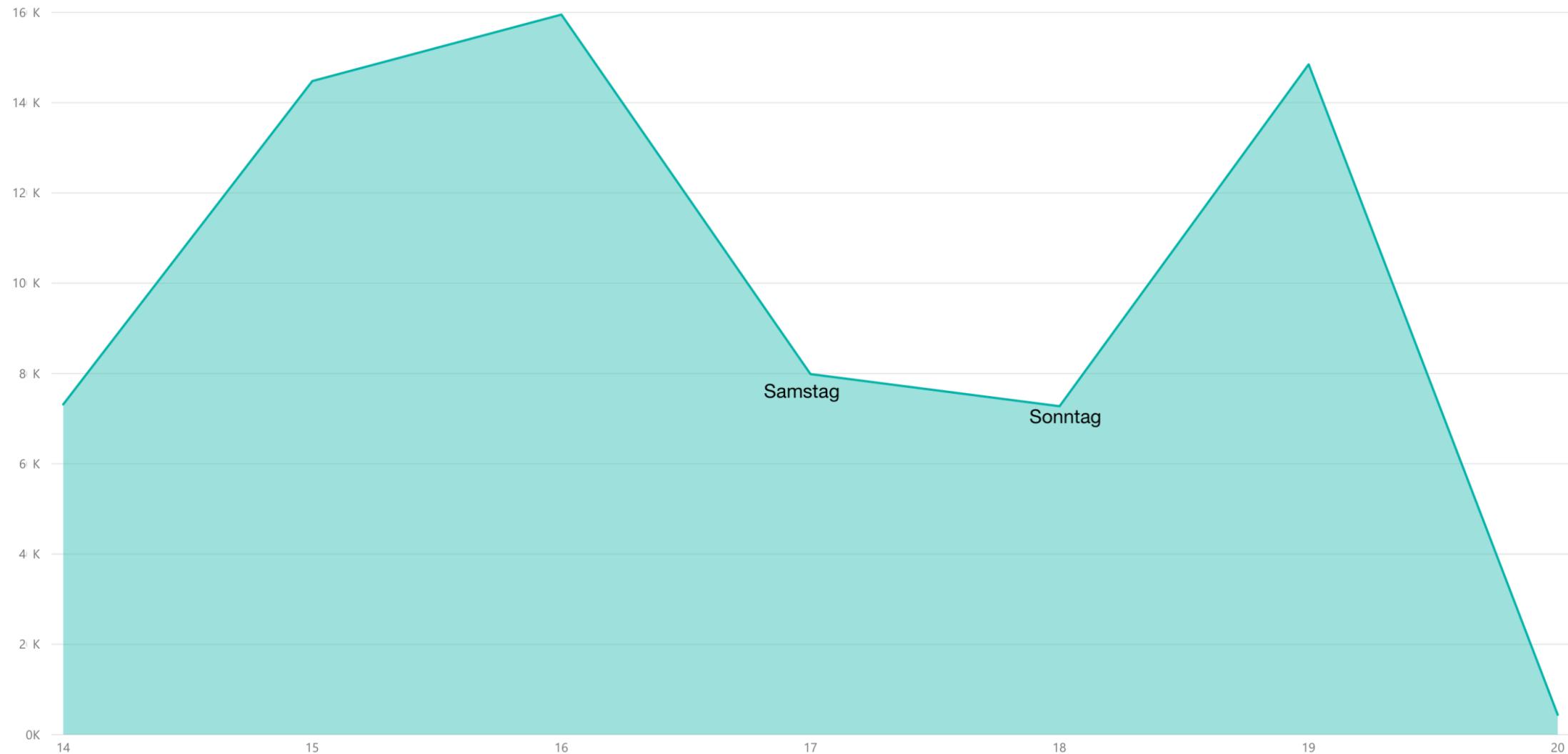
Median der Verweildauer in Stunden: 6.02

Verweildauer zwischen 2:00 und 2:59 Uhr in Stunden: 32.0 😱



## Example Week in February

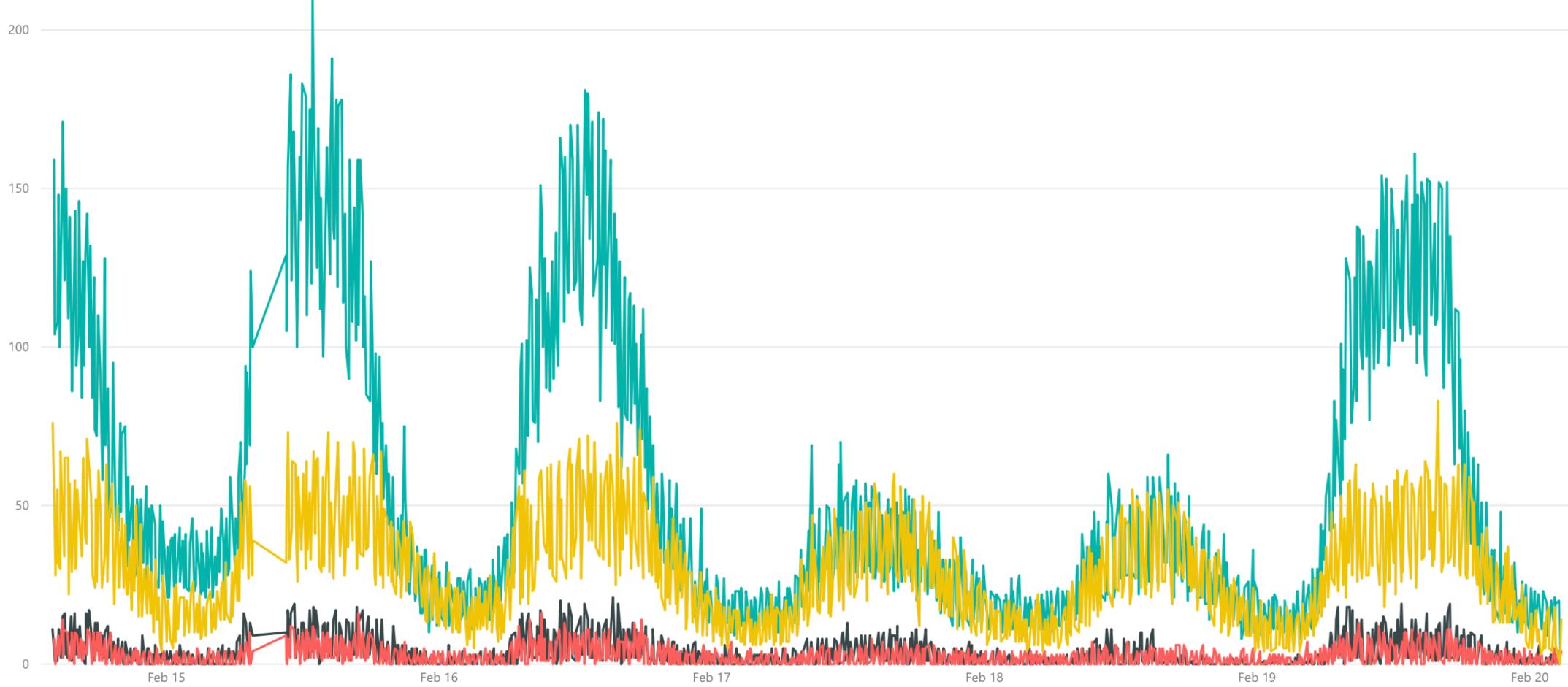
AVERAGE CONNECTION BY DAY



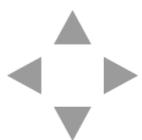
## Example Week in February

CONNECTION BY DAY AND SENSORNAME

Name ● Campus-AF-2 ● Campus-BHN ● Campus-EB ● Campus-TEL



DÖNER KEBAB



Der alte Döner zerstört



# Ausblick

Out[22]:

