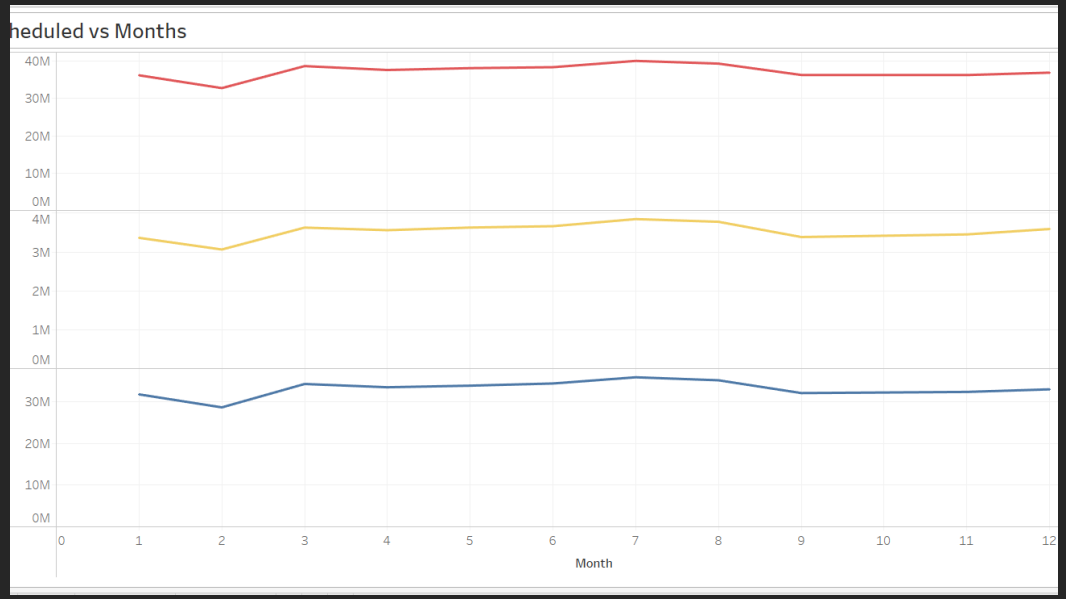
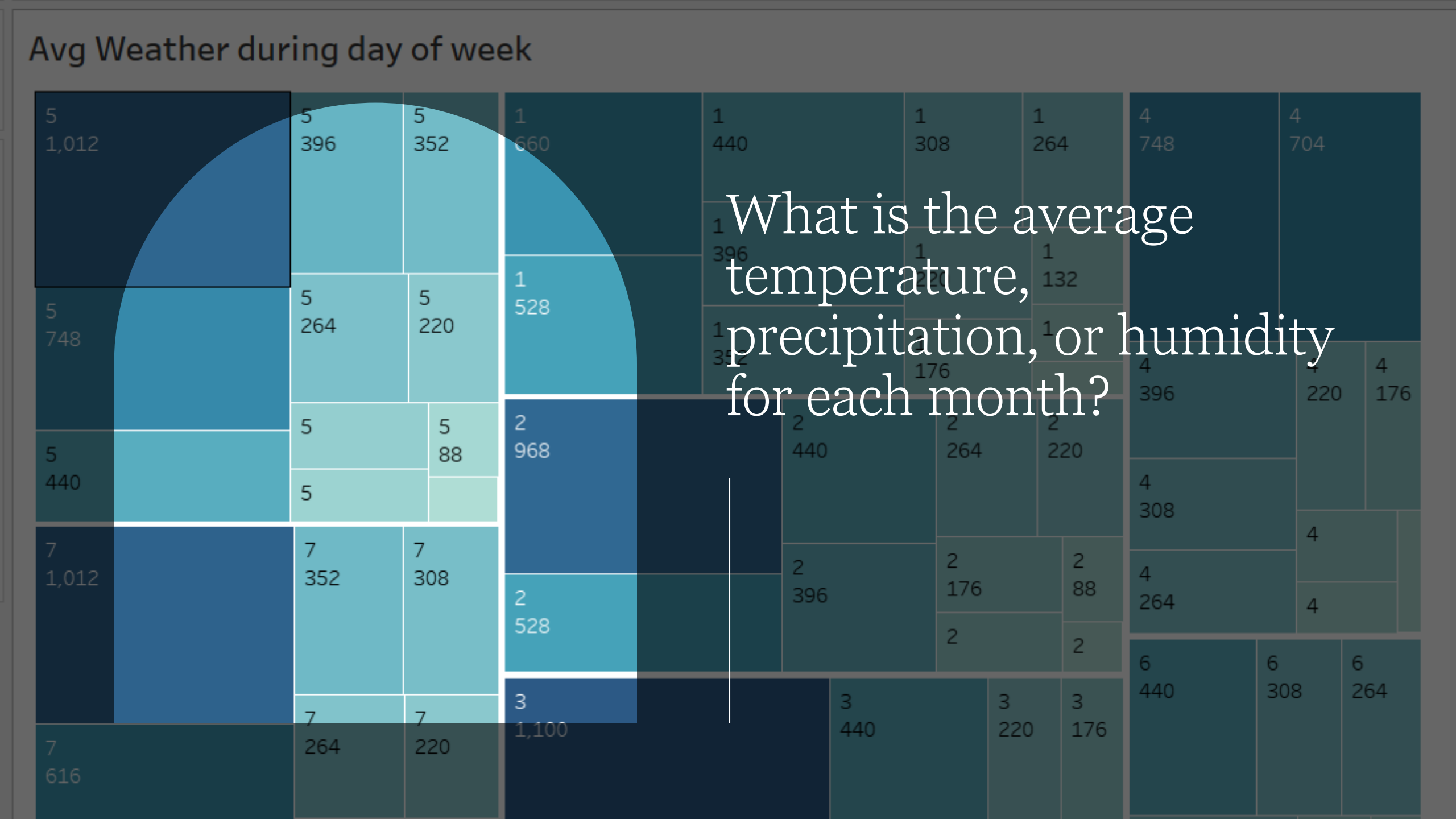
Flights

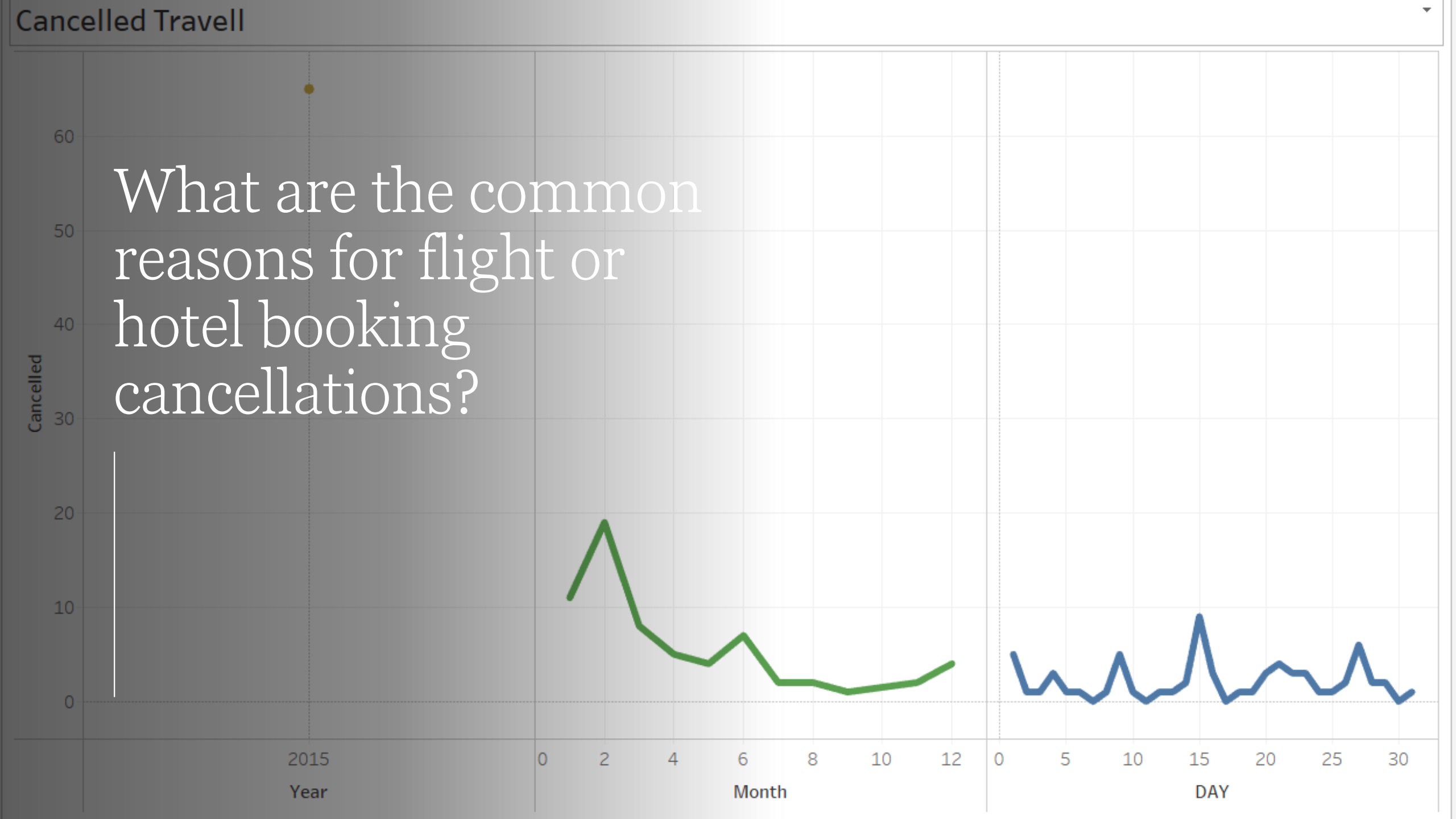
The steps to analyize our data

- Understanding the Data
- Data Cleaning and Preprocessing
- Asking Useful Questions
- Data Visualization
- Data Analysis and Interpretation

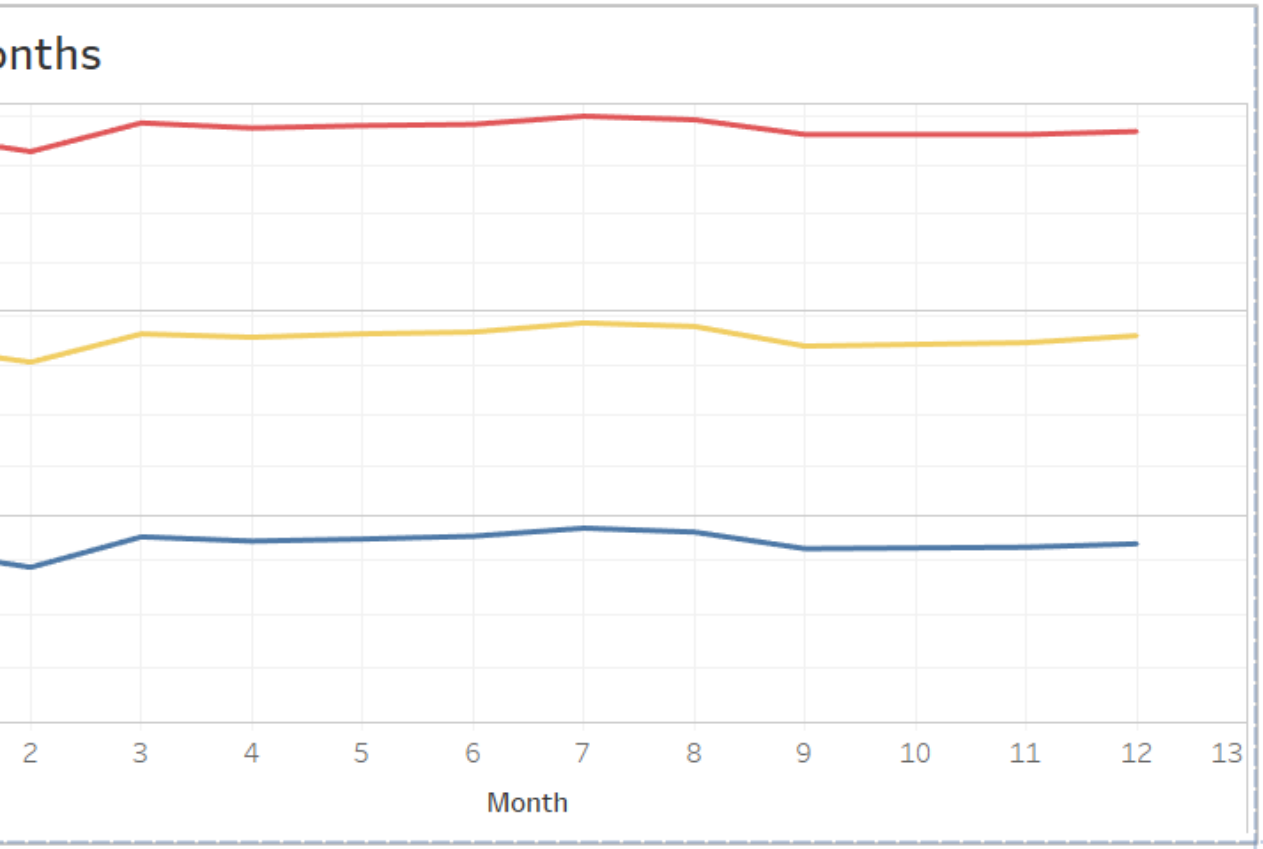
Are there specific months when travel bookings (flights, trains, buses) peak or dip?



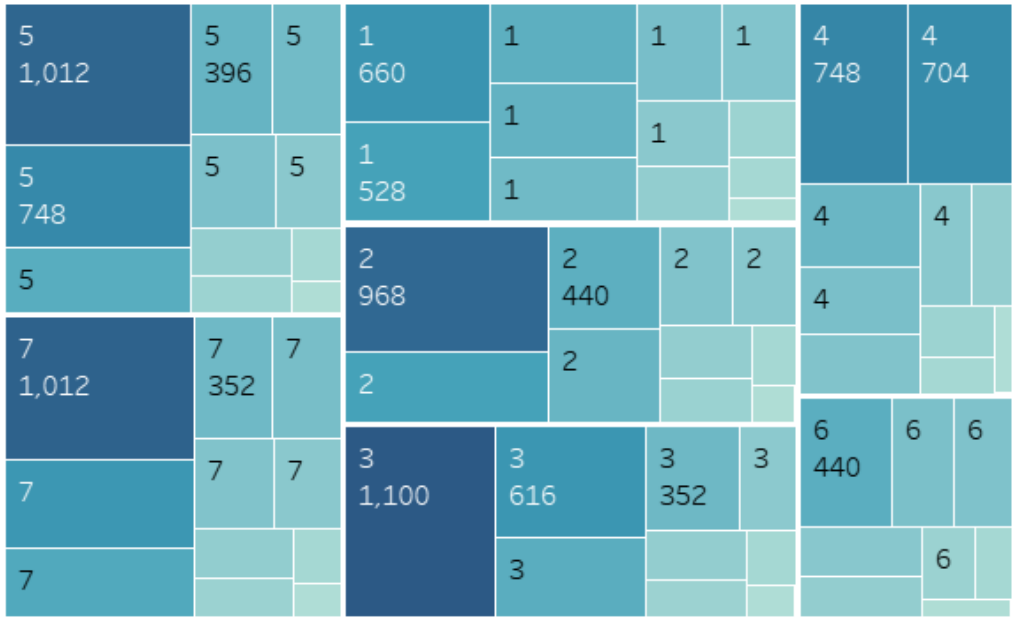

Avg Weather during day of week
What is the average temperature, precipitation, or humidity for each month?

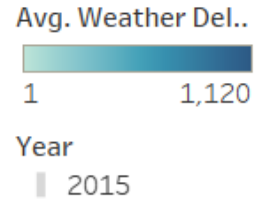

Cancelled Travell
What are the common reasons for flight or hotel booking cancellations?
Cancelled
60
50
40
30
20
10
0
2015
Year
0
2
4
6
8
10
12
Month
0
5
10
15
20
25
30
DAY

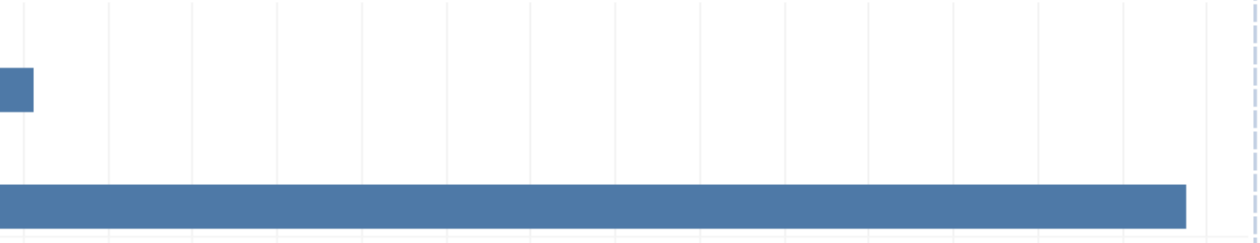
Analyze arrival times for various scenarios:



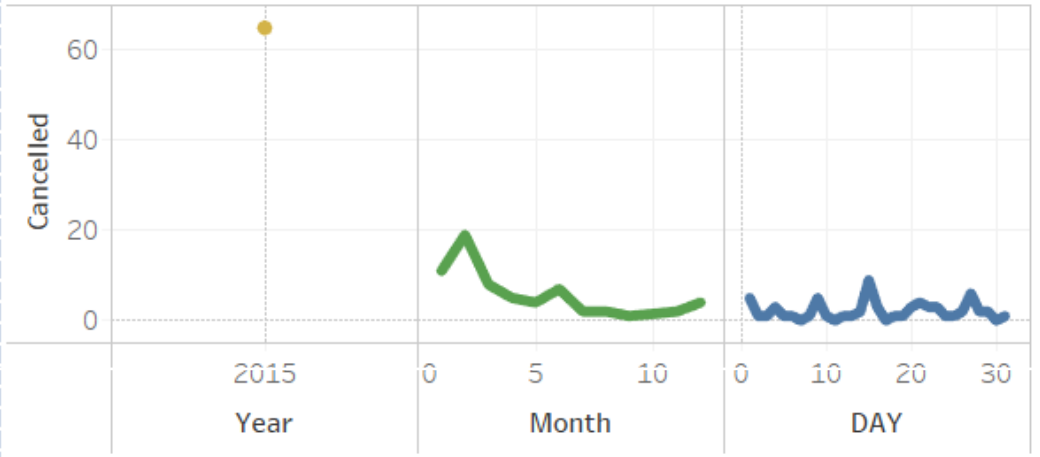
Avg Weather during day of week







Cancelled Travell

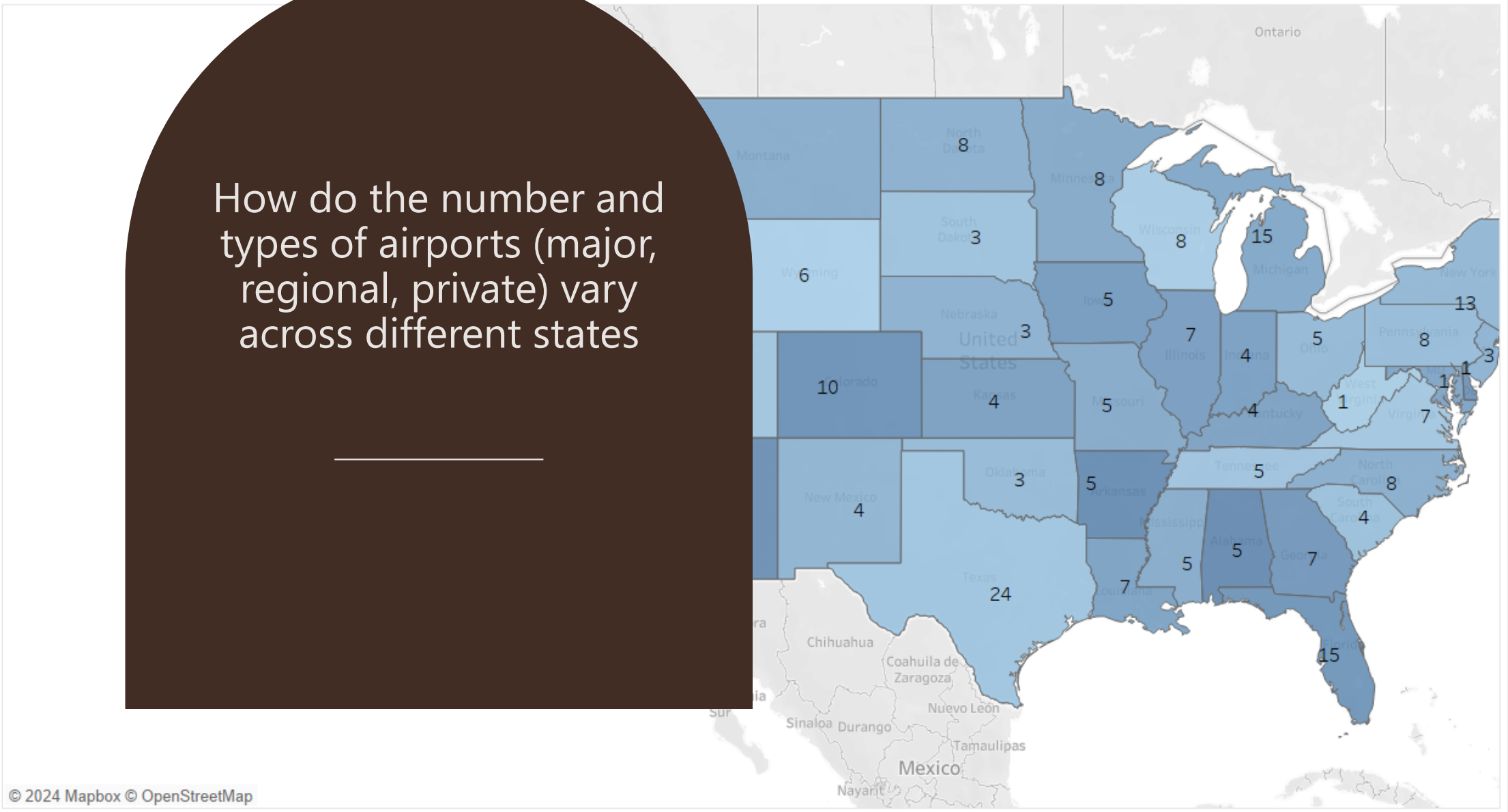


Columns AVG(Longitude)

Rows AVG(Latitude)

airpots on map

How do the number and types of airports (major, regional, private) vary across different states



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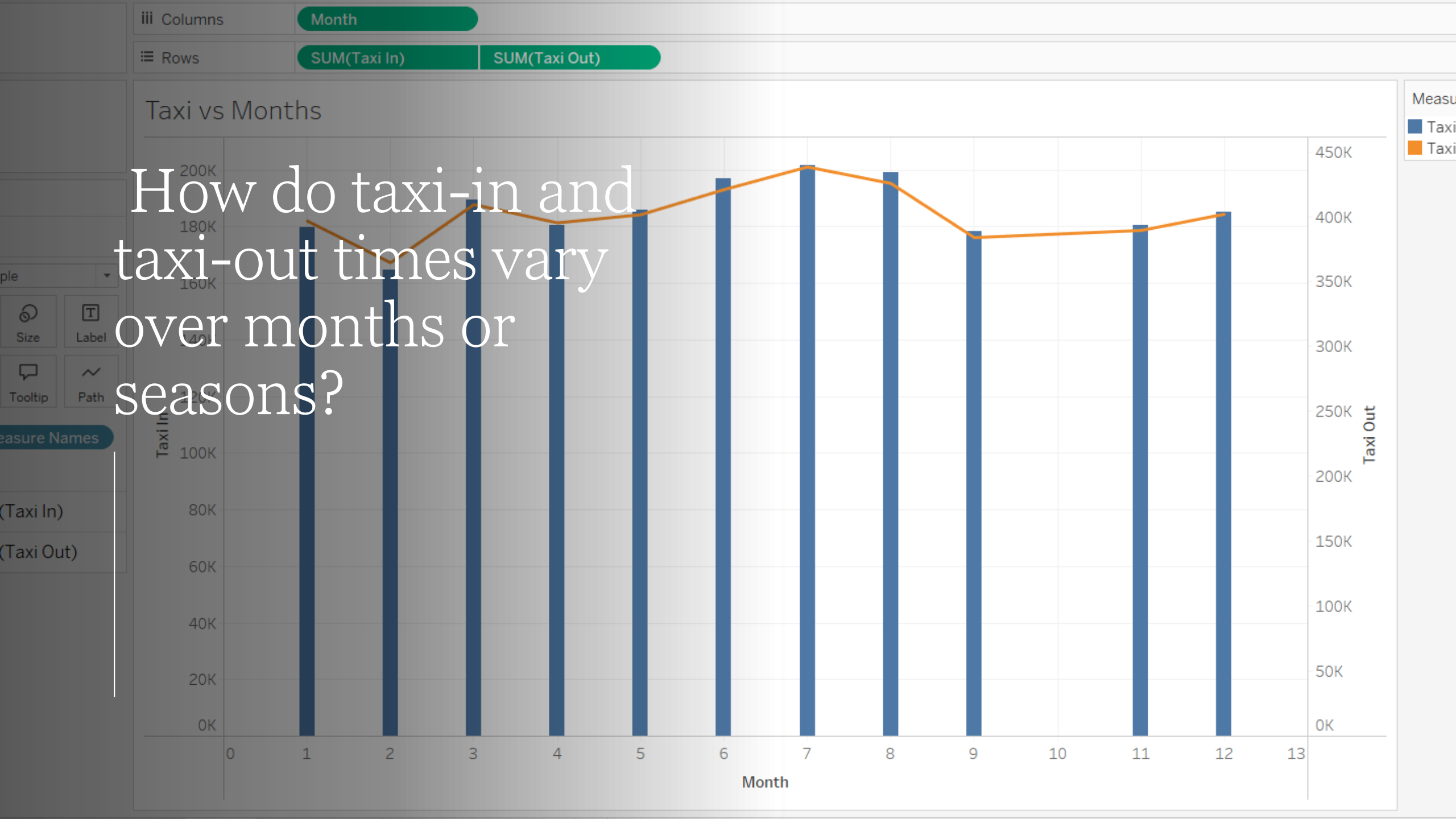
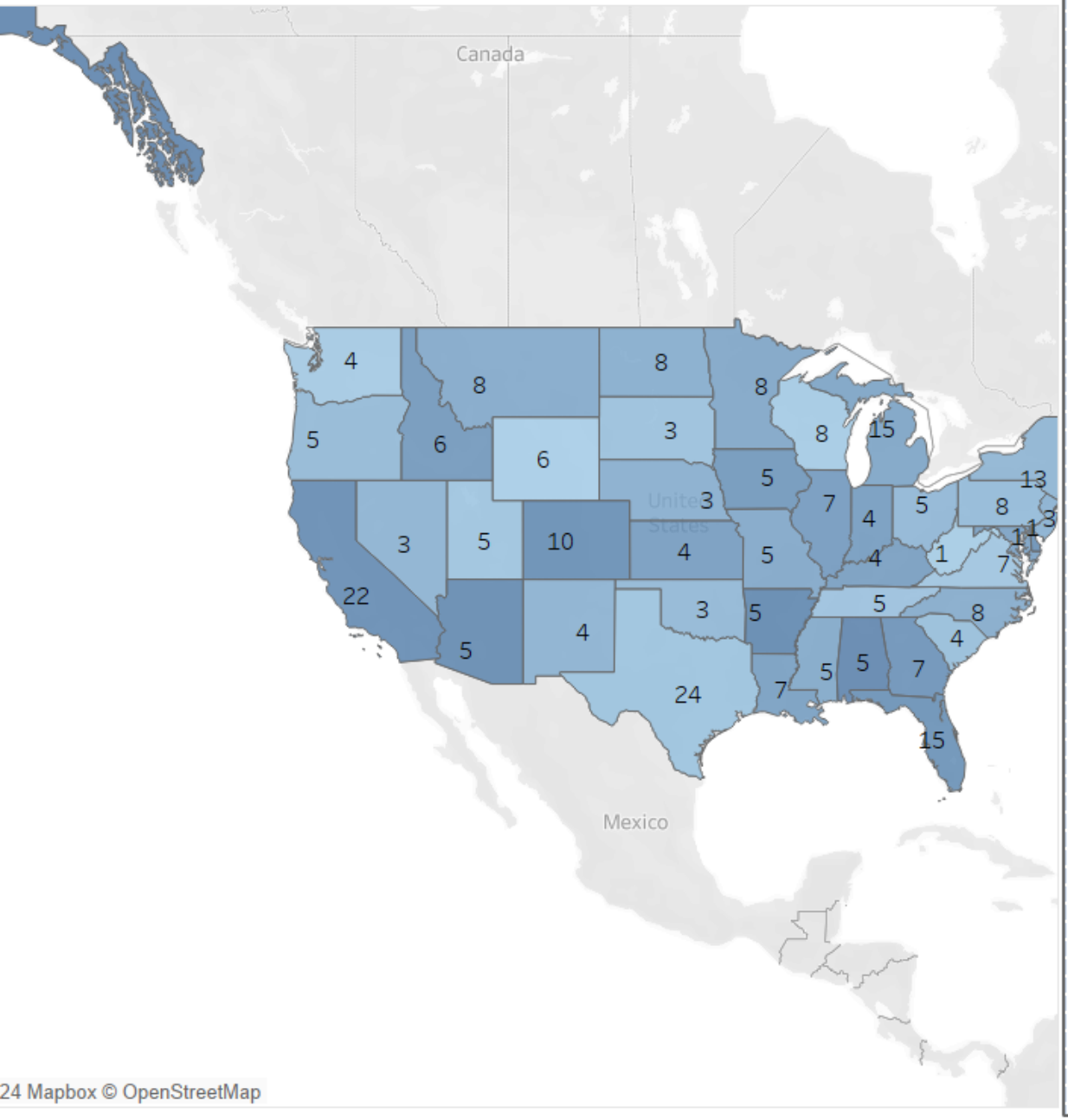
Country, State

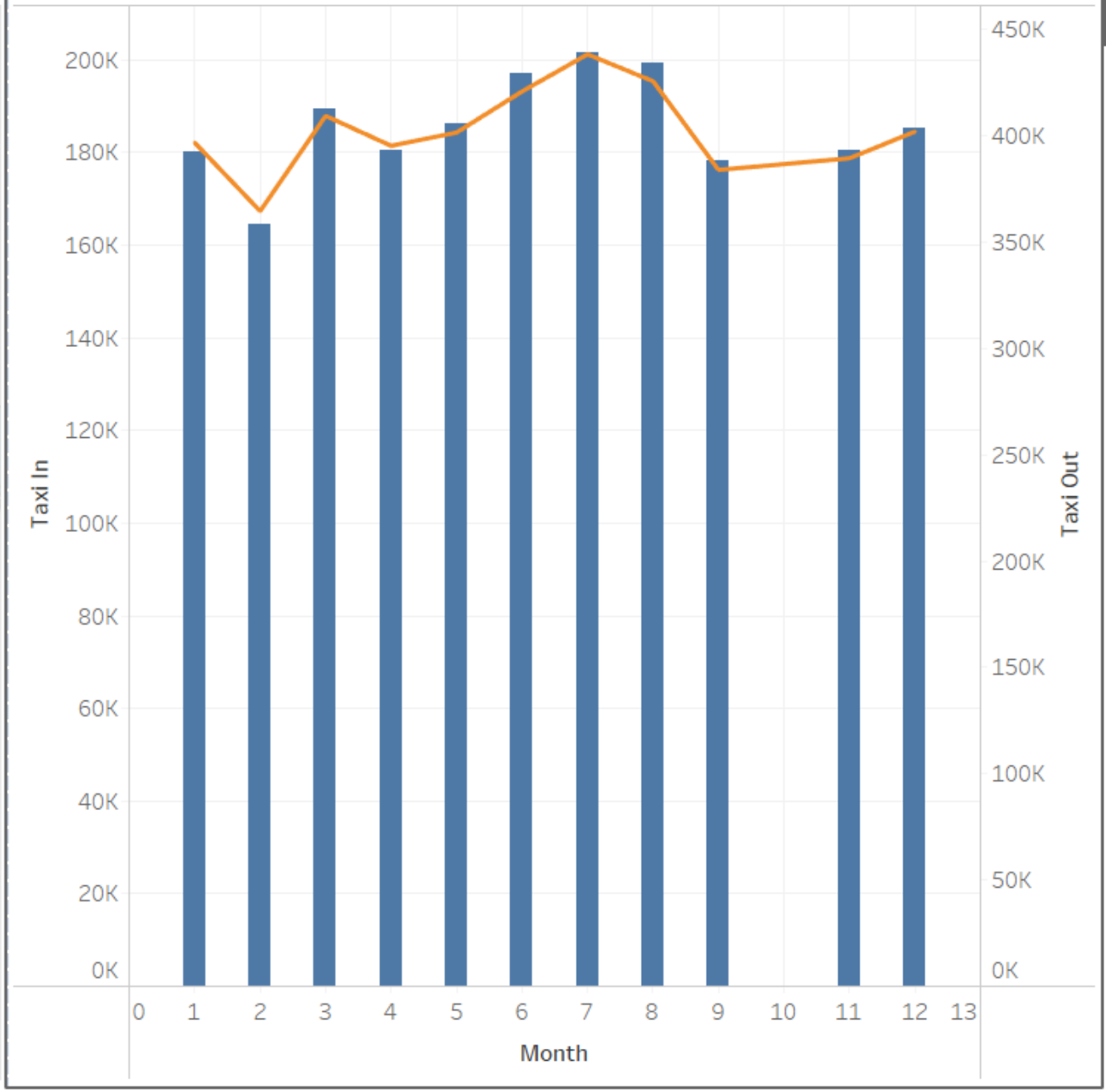
- USA, AK
- USA, AL
- USA, AR
- USA, AS
- USA, AZ
- USA, CA
- USA, CO
- USA, CT
- USA, DE
- USA, FL
- USA, GA
- USA, GU
- USA, HI
- USA, IA
- USA, ID
- USA, IL
- USA, IN
- USA, KS
- USA, KY
- USA, LA
- USA, MA
- USA, MD
- USA, ME
- USA, MI
- USA, MN
- USA, MO
- USA, MS
- USA, MT
- USA, NC
- USA, ND
- USA, NE
- USA, NH


Columns
Month
Rows
SUM(Taxi In)
SUM(Taxi Out)
Taxi vs Months
How do taxi-in and taxi-out times vary over months or seasons?
Size
Label
Tooltip
Path
easure Names
(Taxi In)
(Taxi Out)
Taxi In
Taxi Out
200K
180K
160K
100K
80K
60K
40K
20K
0K
450K
400K
350K
300K
250K
200K
150K
100K
50K
0K
0
1
2
3
4
5
6
7
8
9
10
11
12
13
Month
Measu
Taxi
Taxi

rpots on map



Taxi vs Months



Sheet 3 | Sheet 4 | Sheet 5 | Sheet 6 | Dashboard 1 | Dashboard 2

Thanks