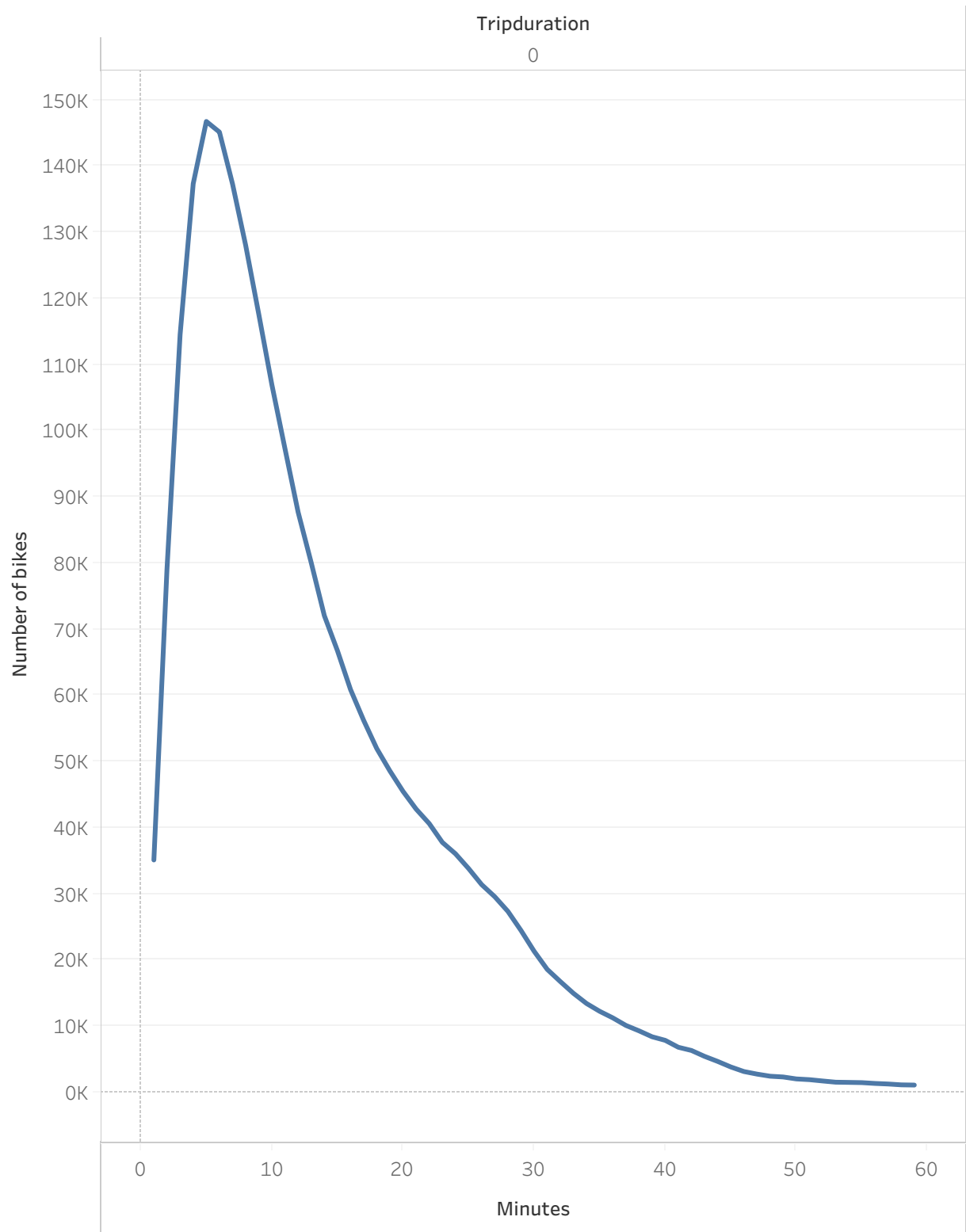
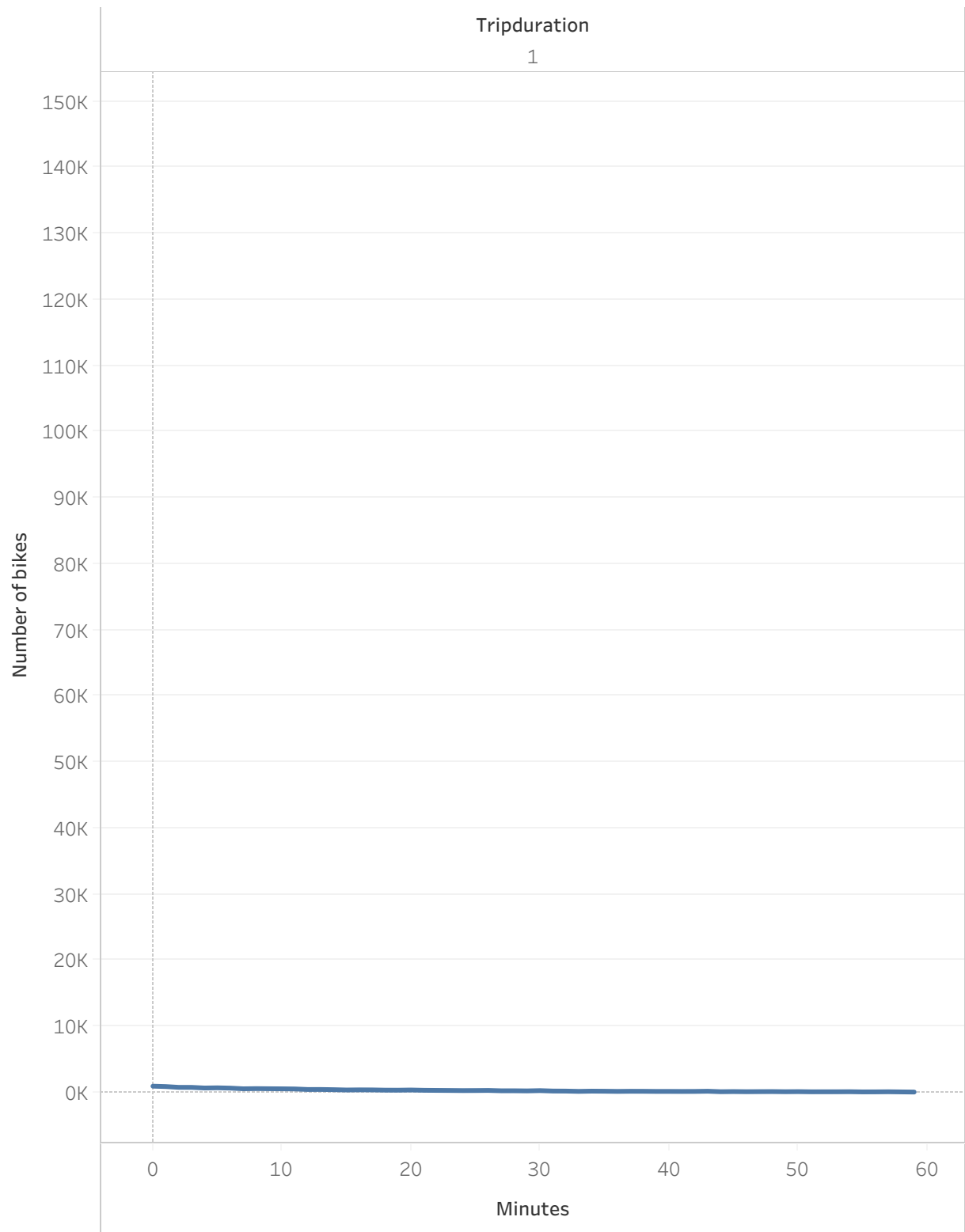


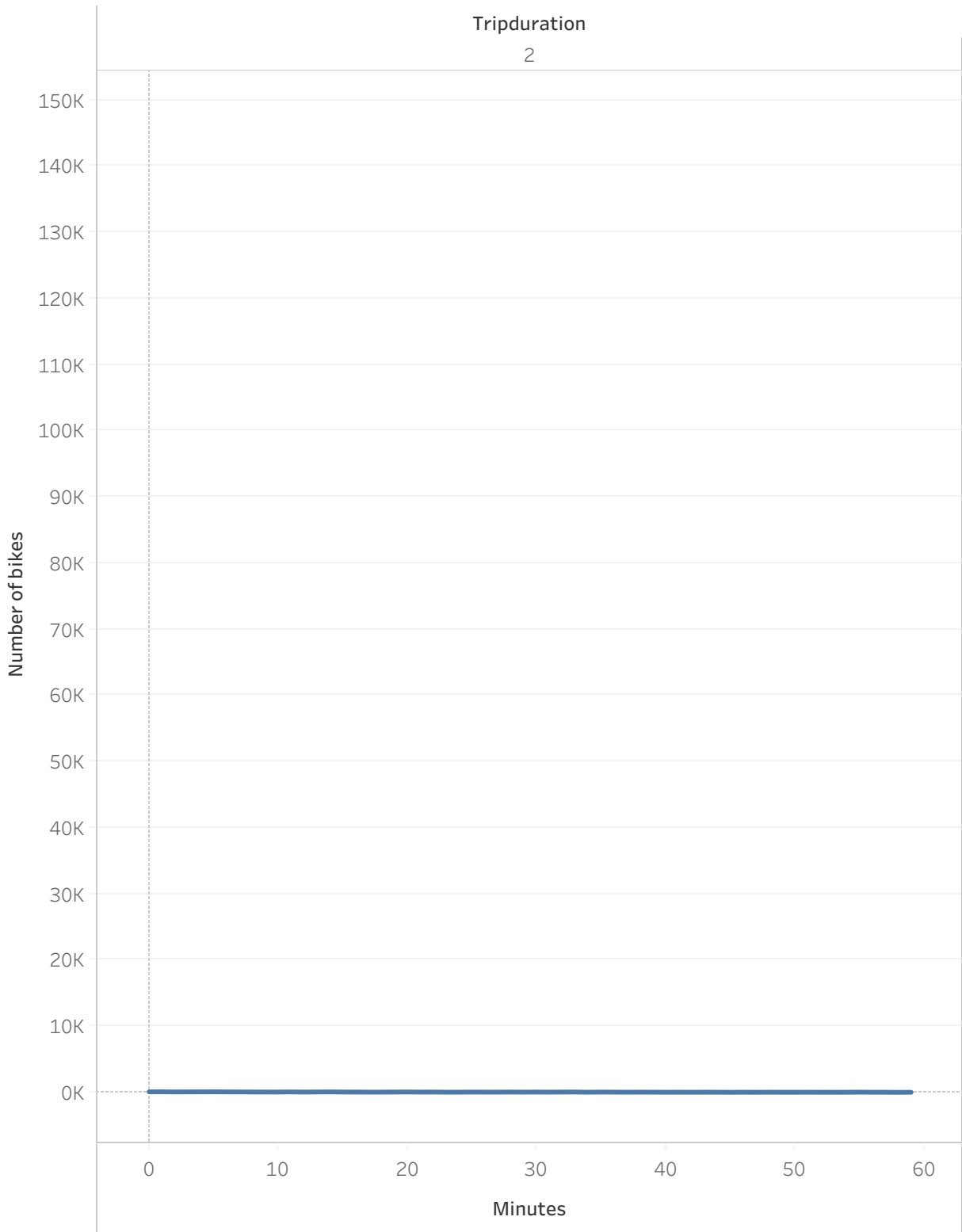
# Checkout Times for Users



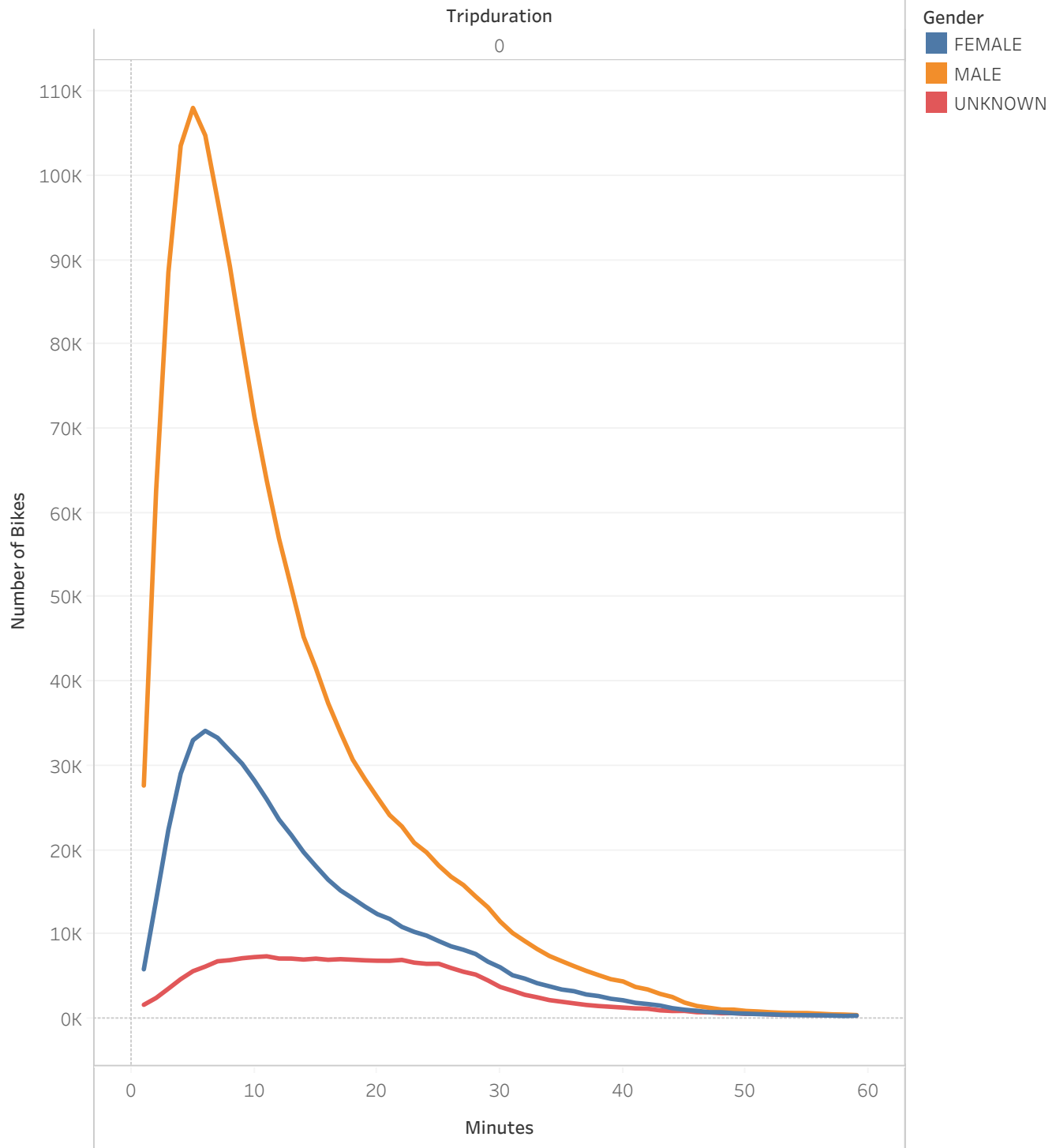
# Checkout Times for Users



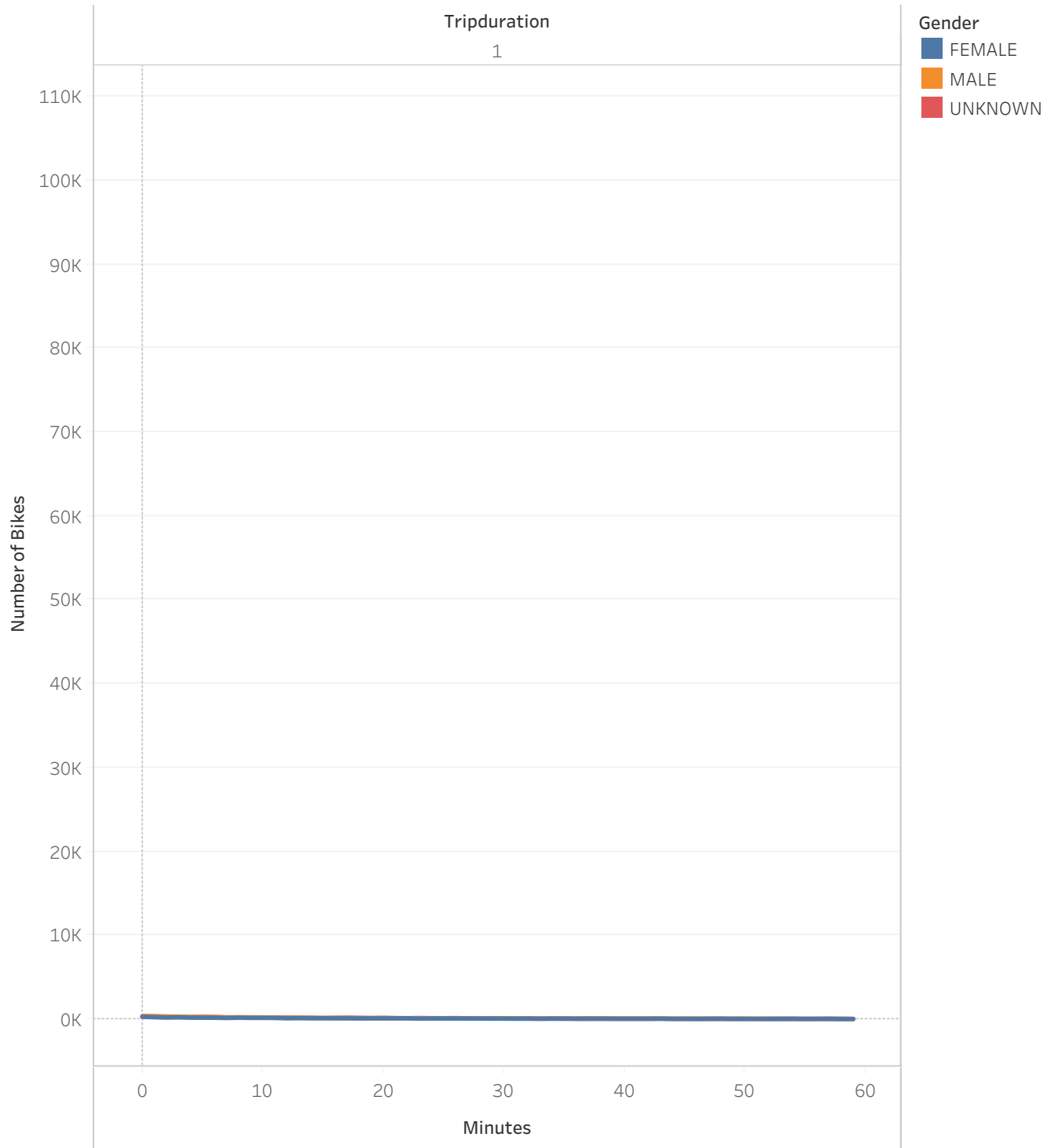
# Checkout Times for Users



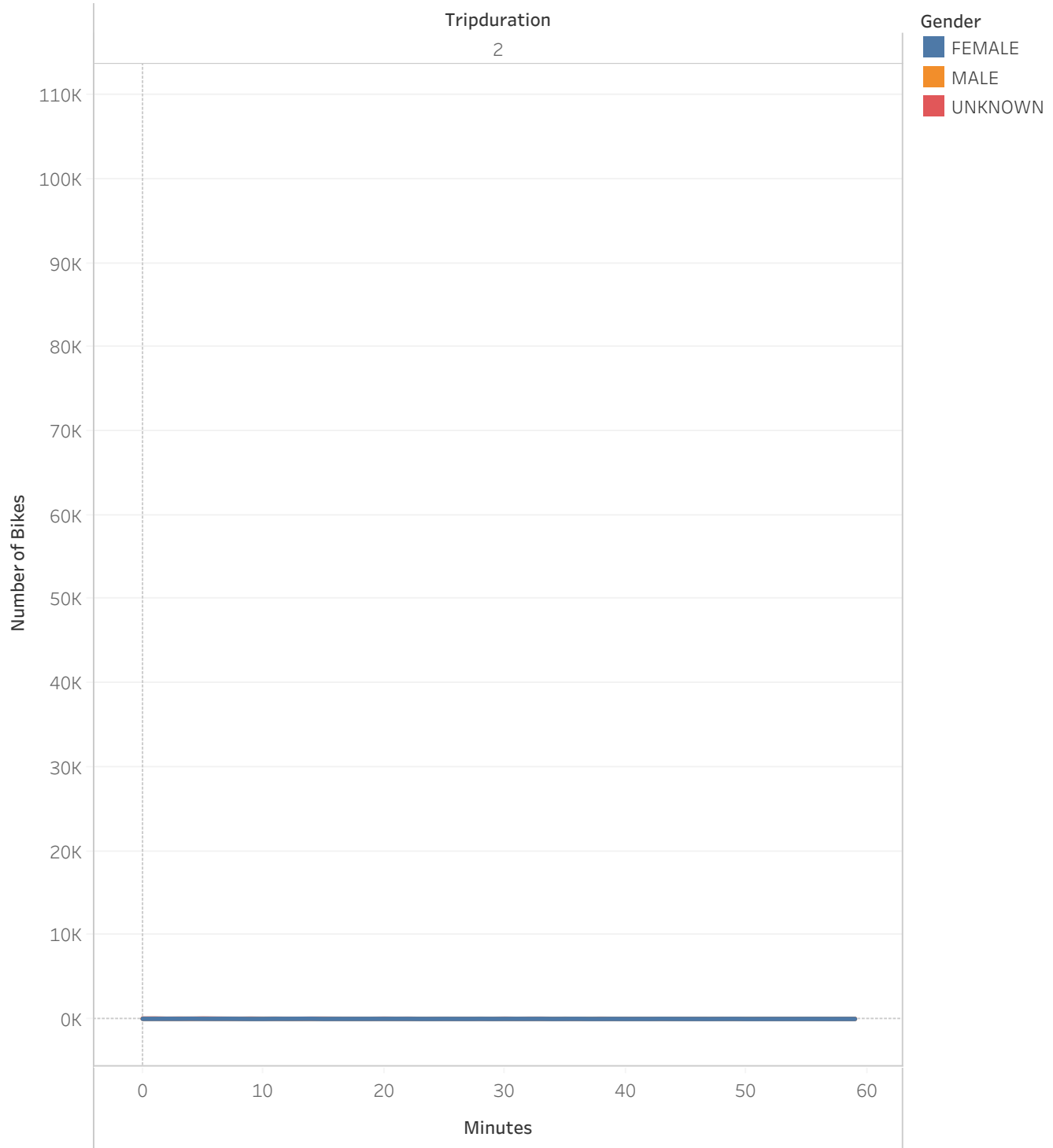
# Checkout Times by Gender



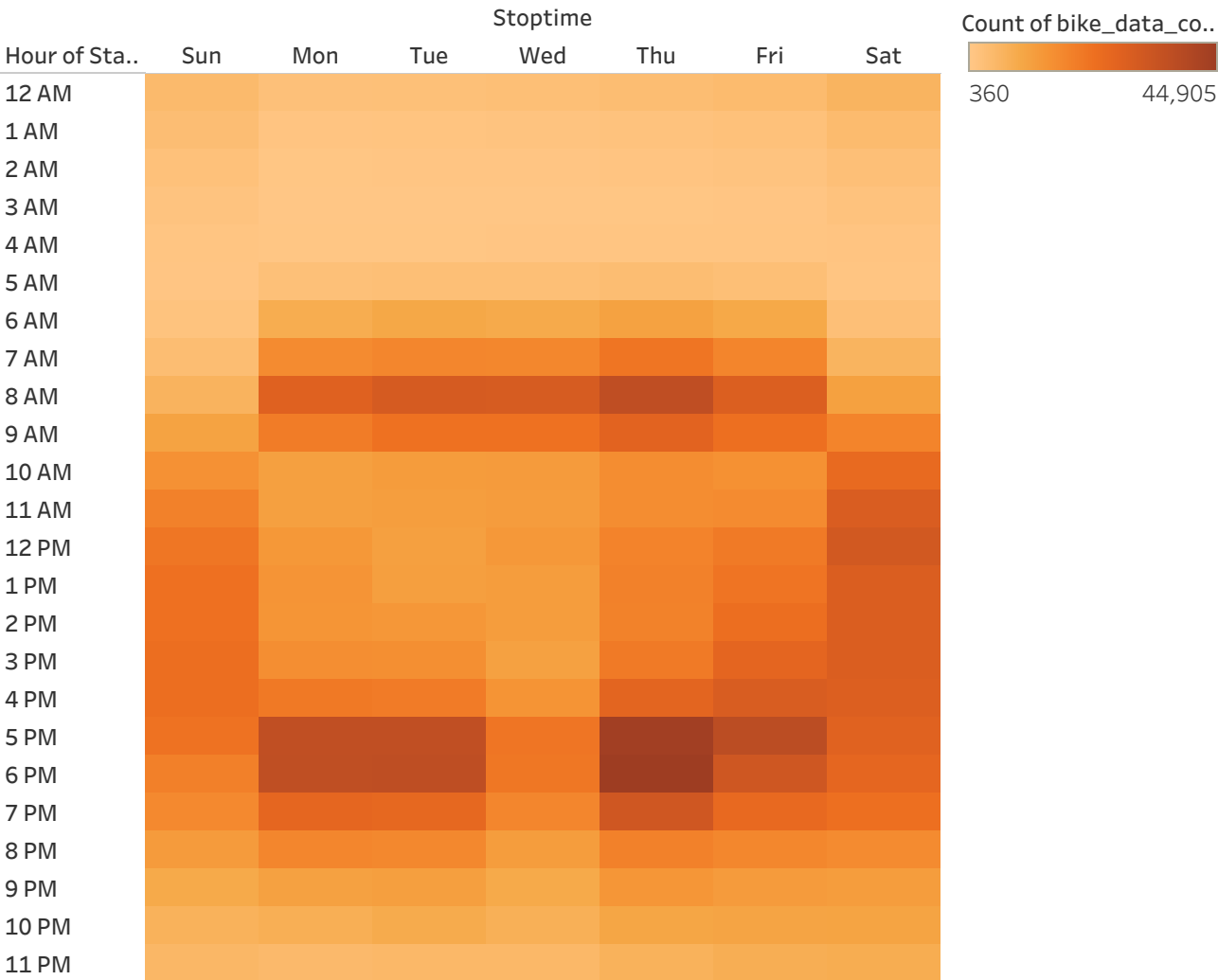
# Checkout Times by Gender



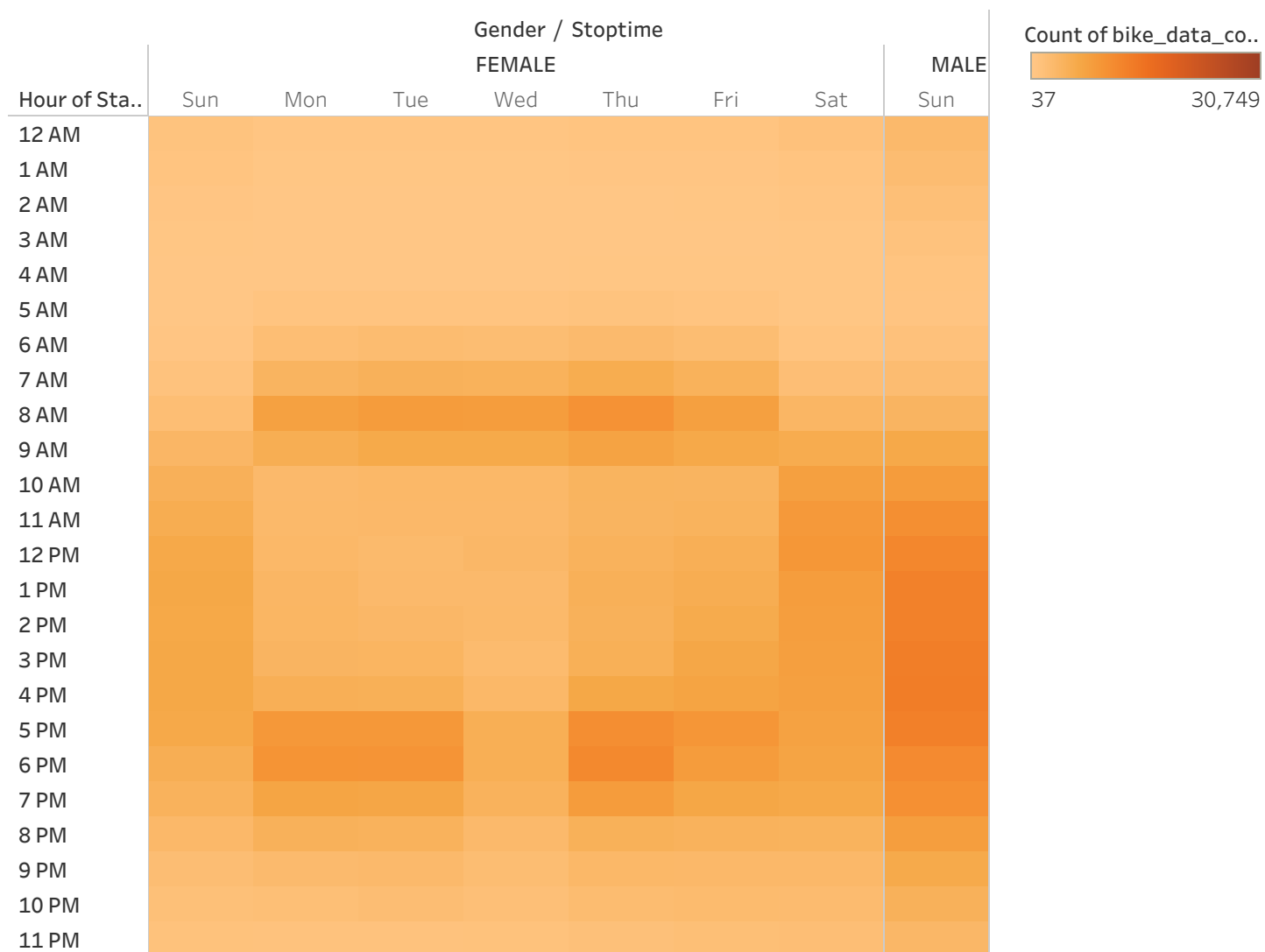
# Checkout Times by Gender



# Trips by Weekday per Hour



## Trips by Genger (Weekday per Hour)





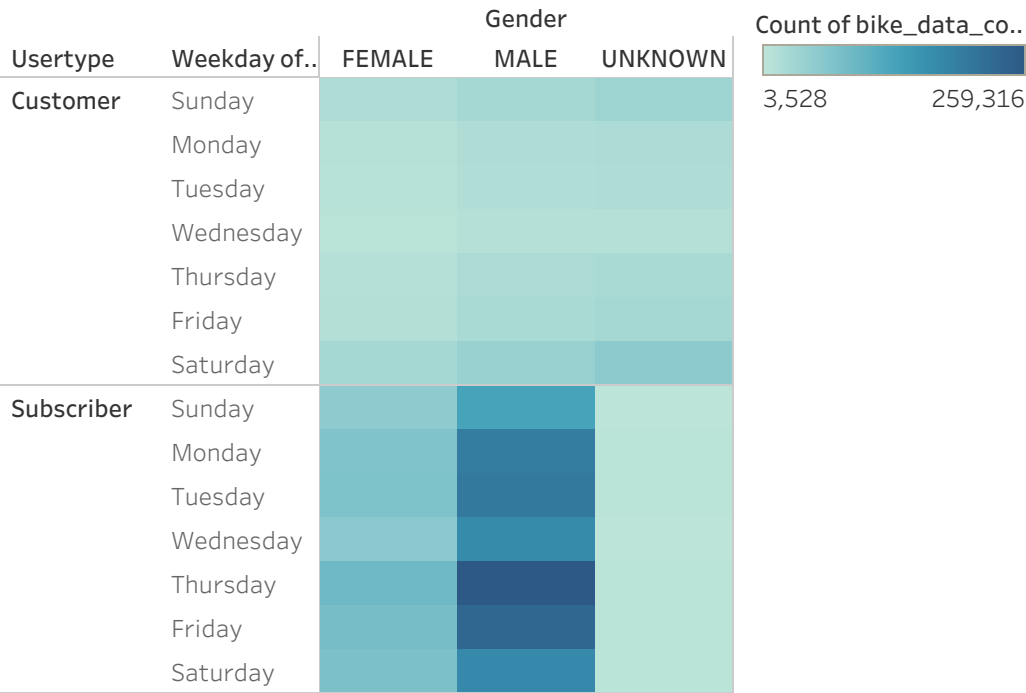
## Trips by Genger (Weekday per Hour)



# Trips by Genger (Weekday per Hour)



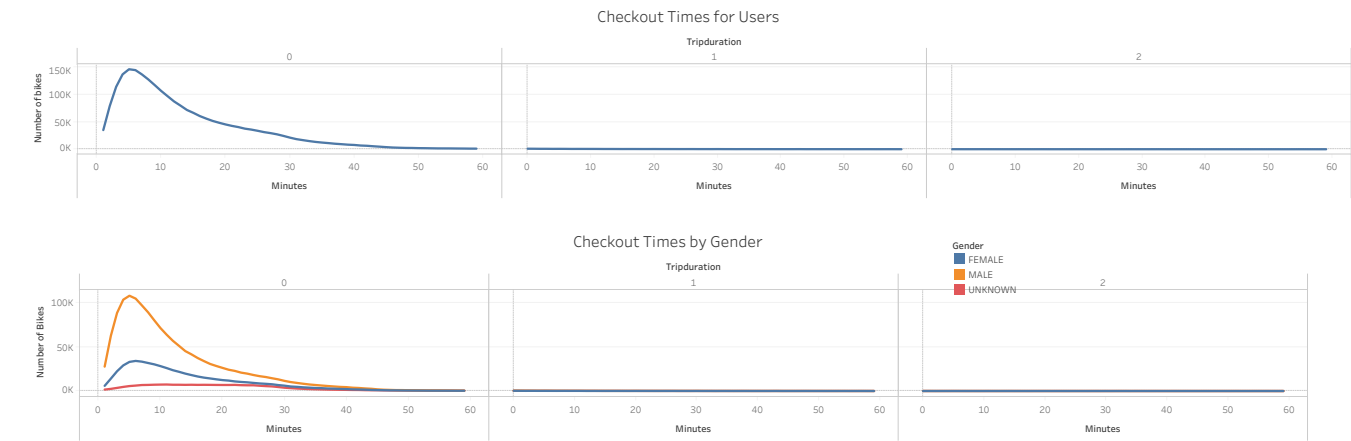
# User Trips by Gender by Weekday



Citi Bike Analysis

Trip Duration Depending on Gender	Usage by Weekdays	Usage by Weekday and Gender	Usage by User Types, Gender and Weekdays	Maintenance	Usage by weekdays and ures types table
--------------------------------------	-------------------	--------------------------------	---	-------------	---

Citi Bikes are mostly used for less that 30 minutes. The most popular time is 5 minutes. Males use them about 2.5 times more than females.

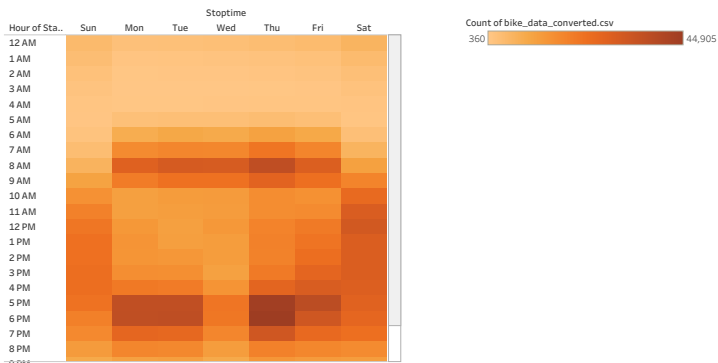


Citi Bike Analysis

Trip Duration Depending on Gender	Usage by Weekdays	Usage by Weekday and Gender	Usage by User Types, Gender and Weekdays	Maintenance	Usage by weekdays and ures types table
--------------------------------------	-------------------	--------------------------------	---	-------------	---

The busiest time during the weekdays is 6-9am and 4-8pm. On weekends Citi Bikes are used more from 9am to 8pm.

Trips by Weekday per Hour

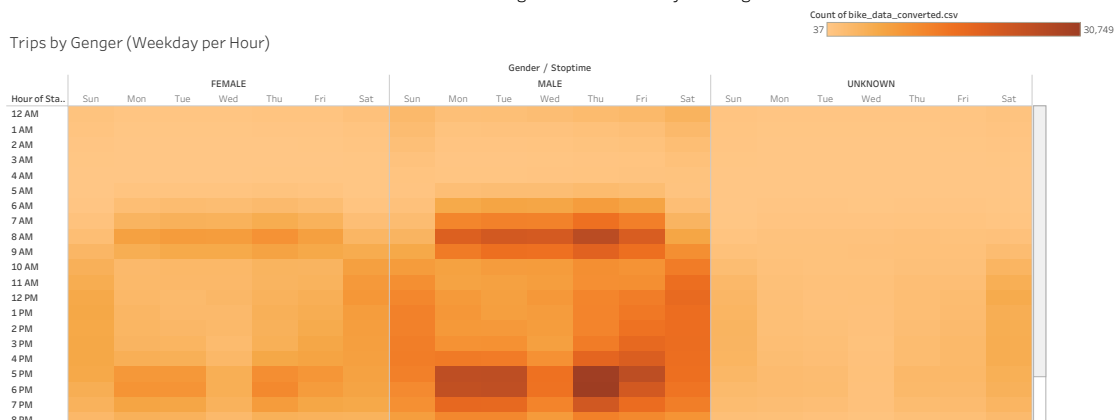


## Citi Bike Analysis

Trip Duration Depending on Gender	Usage by Weekdays	Usage by Weekday and Gender	Usage by User Types, Gender and Weekdays	Maintenance	Usage by weekdays and ures types table
--------------------------------------	-------------------	--------------------------------	---	-------------	---

Males use Citi Bike much more active than females with a little slowing down on Wednesday evenings.

Trips by Genger (Weekday per Hour)

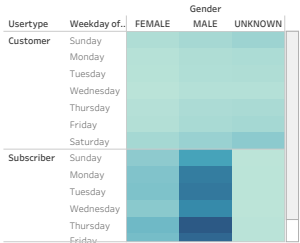


Citi Bike Analysis

Trip Duration Depending on Gender	Usage by Weekdays	Usage by Weekday and Gender	Usage by User Types, Gender and Weekdays	Maintenance	Usage by weekdays and ures types table
--------------------------------------	-------------------	--------------------------------	---	-------------	---

There are more Citi Bike subscribers than customers. Most of subscribers are male.

User Trips by Gender by Weekday



Customers



Usertype  
Customer  
Subscriber

Gender Breakdown



Gender  
FEMALE  
MALE  
UNKNOWN

Citi Bike Analysis

Trip Duration Depending on Gender	Usage by Weekdays	Usage by Weekday and Gender	Usage by User Types, Gender and Weekdays	Maintenance	Usage by weekdays and ures types table
--------------------------------------	-------------------	--------------------------------	---	-------------	---

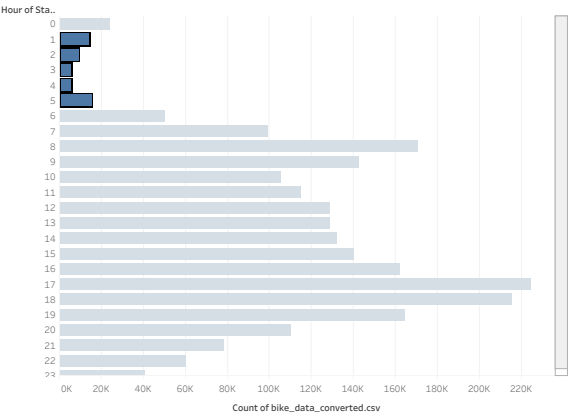
About one third of the bikes are highly used. The best maintenance hours are from 1am to 5am when there are minimal demand on bikes.



Bike Repairs



August Peak Hours





Citi Bike Analysis

Trip Duration Depending on Gender	Usage by Weekdays	Usage by Weekday and Gender	Usage by User Types, Gender and Weekdays	Maintenance	Usage by weekdays and ures types table
--------------------------------------	-------------------	--------------------------------	---	-------------	---

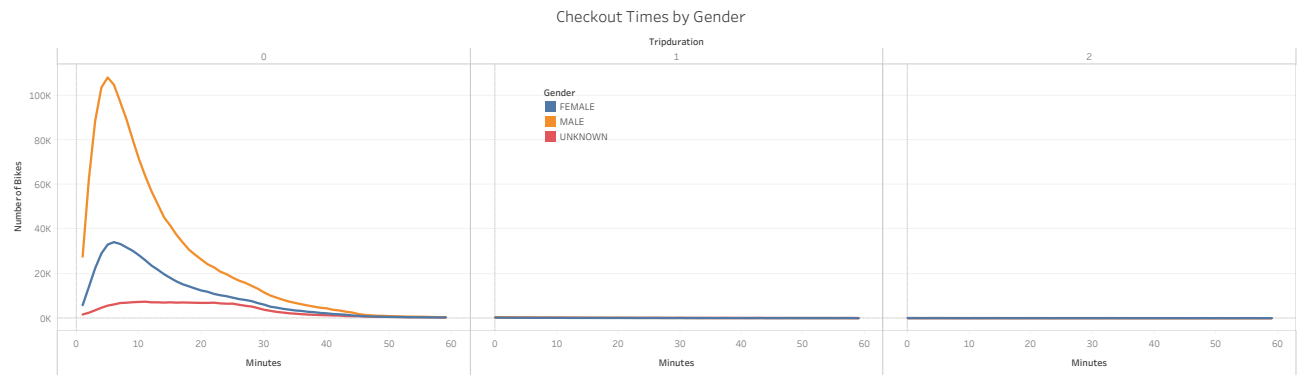
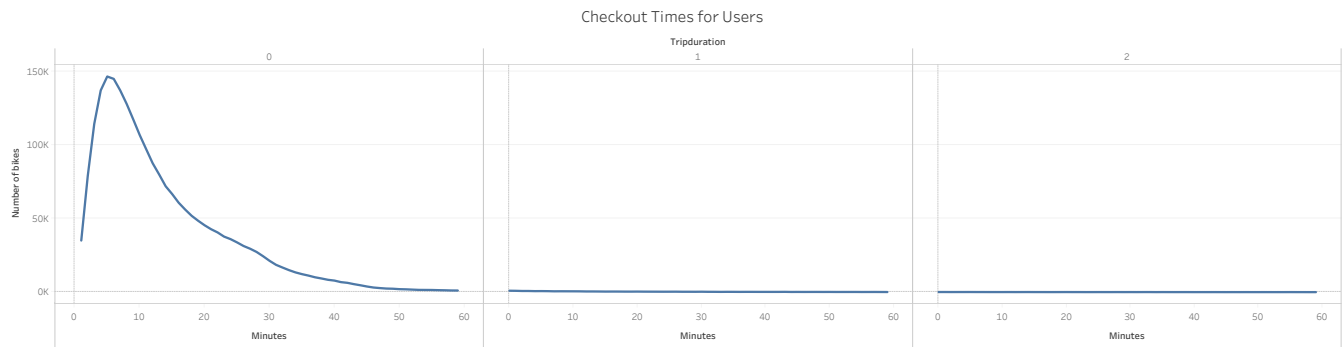
In this table is shown amount of bikes used by customers and subscribers by day of the week. We can see that subscribers use Citi Bike mostly on weekdays, especially on Thursdays and Fridays while customers bike mostly on weekends. Also Citi Bike is used much less on Wednesdays by both customers and subscribers.

Bikes by Weekday

Usertype	Starttime						
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Customer	80,077	47,403	42,185	31,229	55,526	64,259	123,186
Subscriber	188,403	269,351	280,379	234,675	353,679	320,402	253,470

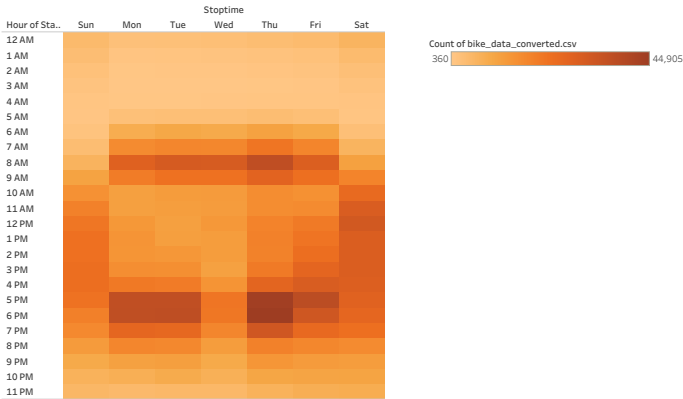
So going back to the maintenance question - Wednesdays from 1 to 5am seems like the best time for it.

Citi Bikes are mostly used for less that 30 minutes. The most popular time is 5 minutes. Males use them about 2.5 times more than females.



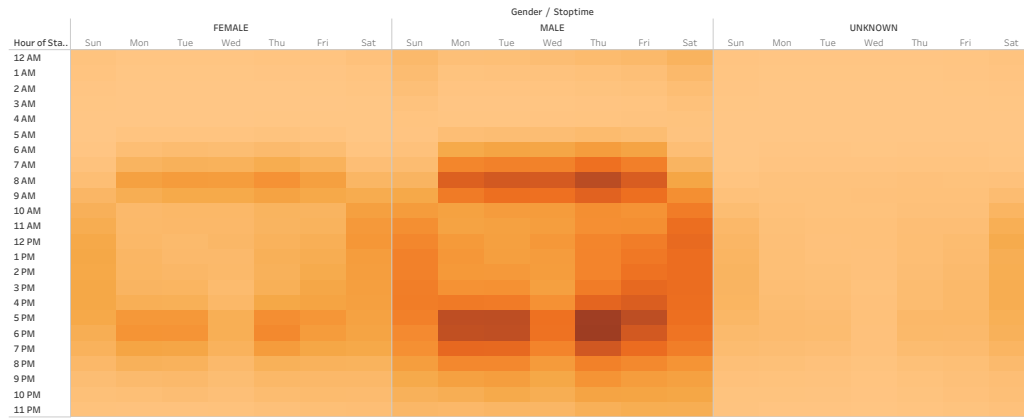
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Trips by Weekday per Hour



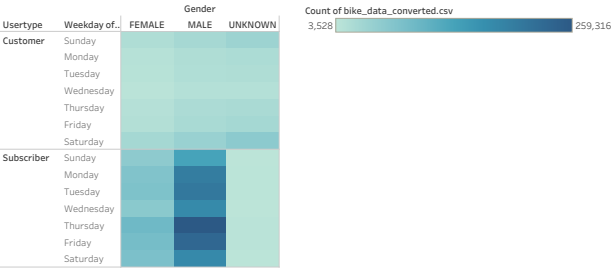
Males use Citi Bike much more active than females with a little slowing down on Wednesdays evenings.

Trips by Gender (Weekday per Hour)

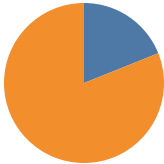


There are more Citi Bike subscribers than customers. Most of subscribers are male.

User Trips by Gender by Weekday



# Customers



Count of bike\_data\_converted.csv

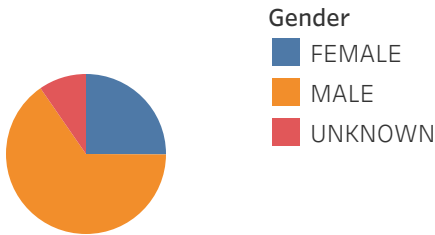
2,344,224

Usertype

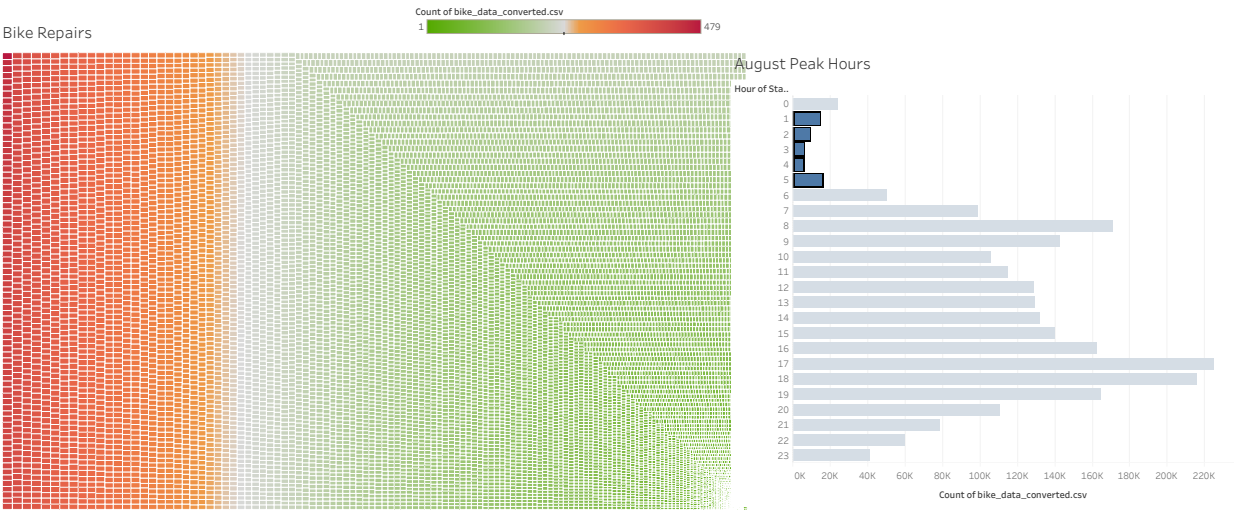
Customer

Subscriber

Gender  
Breakdown

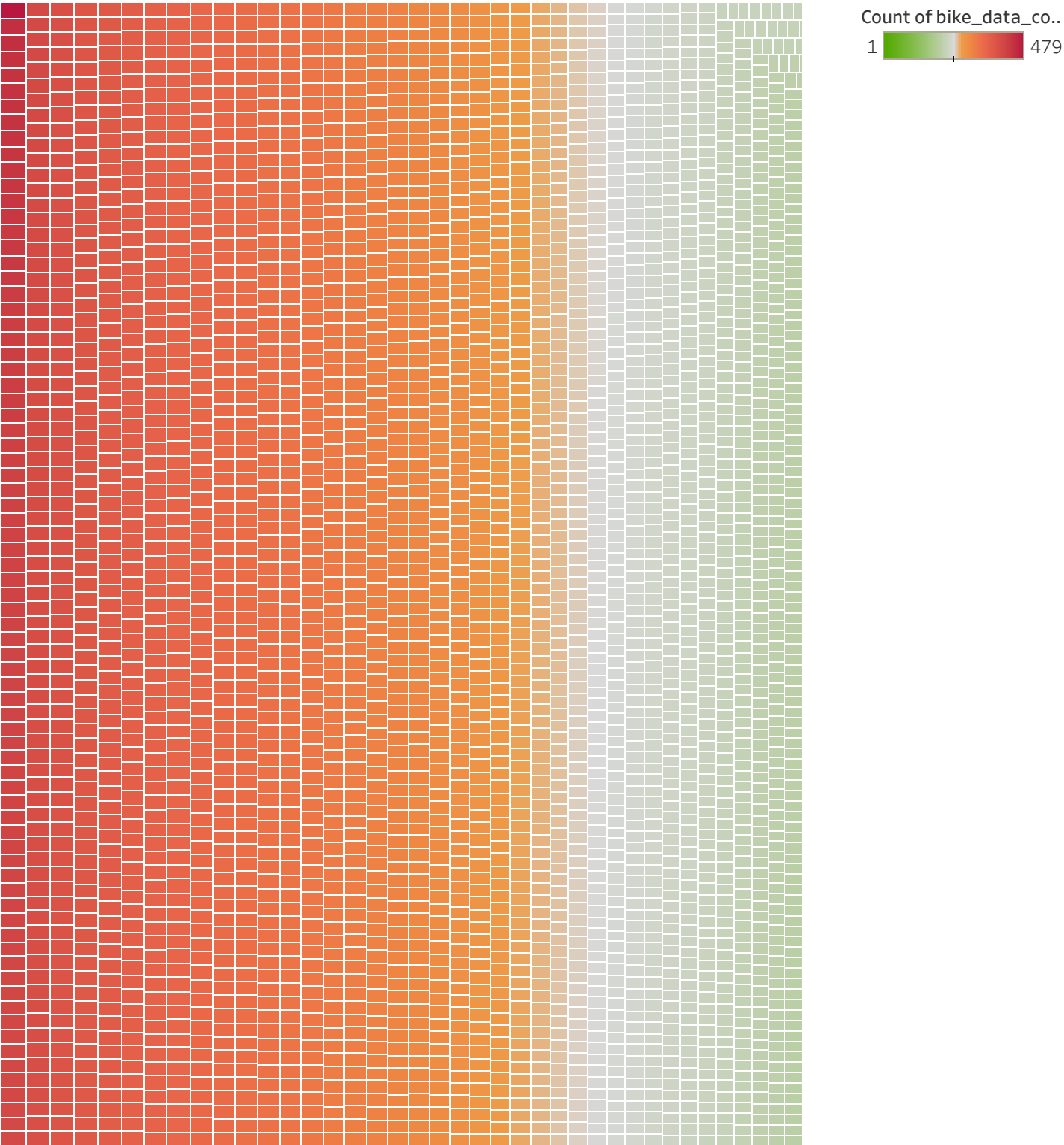


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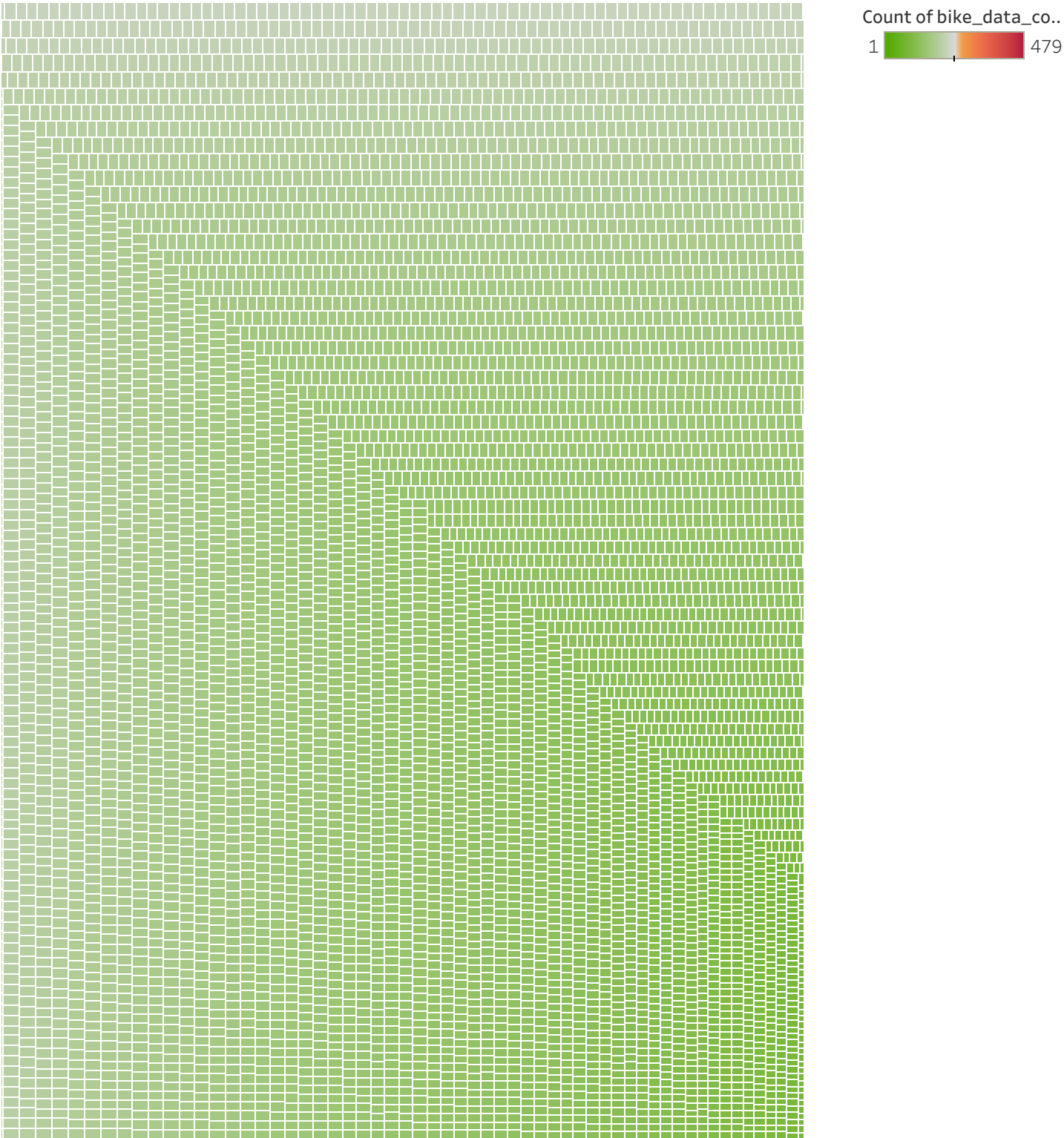




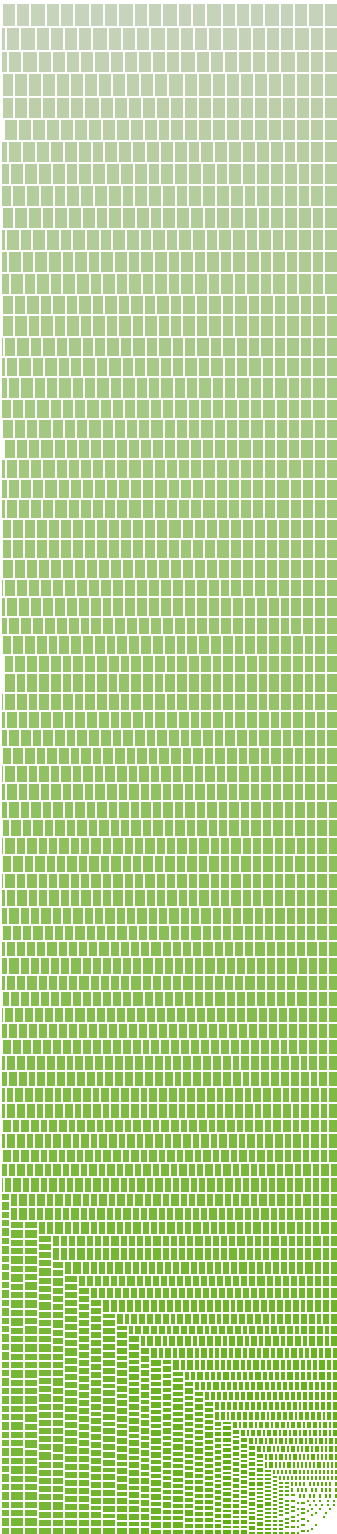
# Bike Repairs



# Bike Repairs

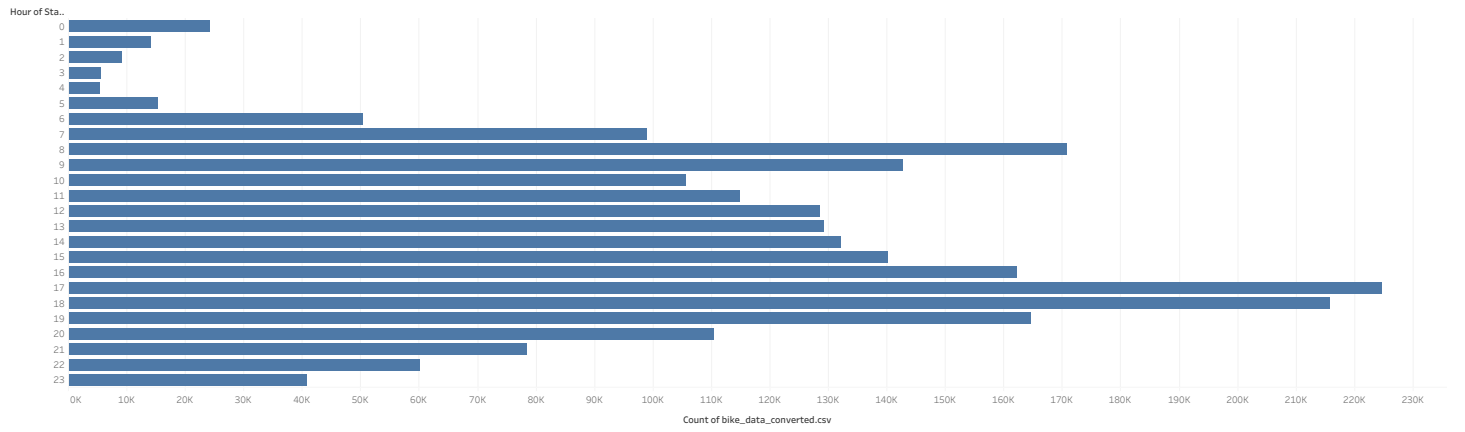


# Bike Repairs



Count of bike\_data\_co..  
1 479

## August Peak Hours



# Bikes by Weekday

Usertype	Starttime							Usertype
	Sunday	Monday	Tuesday	Wednes..	Thursday	Friday	Saturday	
Customer	80,077	47,403	42,185	31,229	55,526	64,259	123,186	Customer
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