CHICAGO TAXI TRIPS ANALYSIS

Top 10 Companies - Max Trips

Company	
Taxi Affiliation Services	33.97%
Flash Cab	13.58%
Dispatch Taxi Affiliation	9.87%
Yellow Cab	9.52%
Blue Ribbon Taxi Associati..	8.55%
Choice Taxi Association	6.73%
Chicago Carriage Cab Corp	5.64%
Chicago Elite Cab Corp. (C..	4.98%
City Service	3.75%
Sun Taxi	3.42%

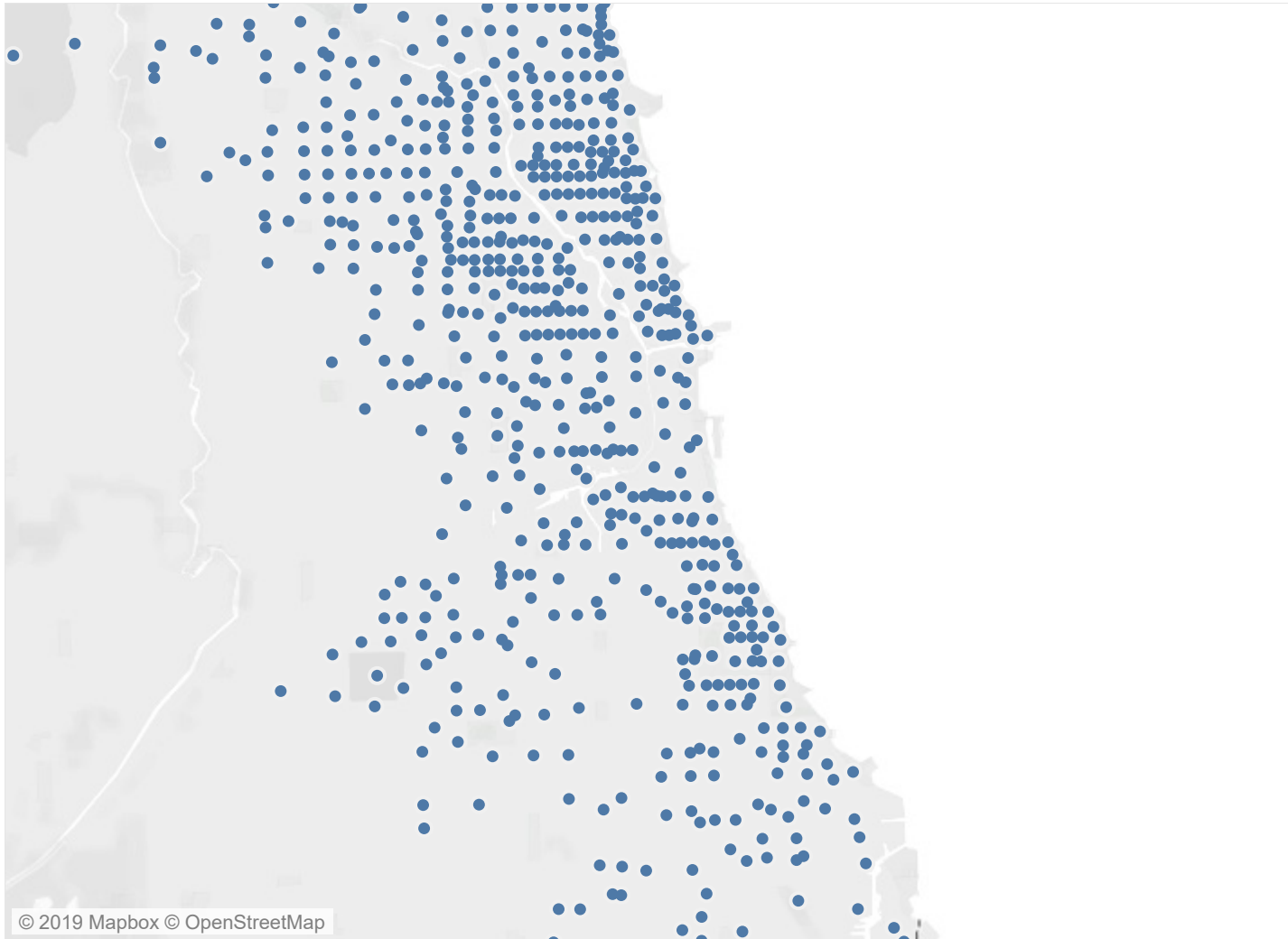**% of Total Number of Records**
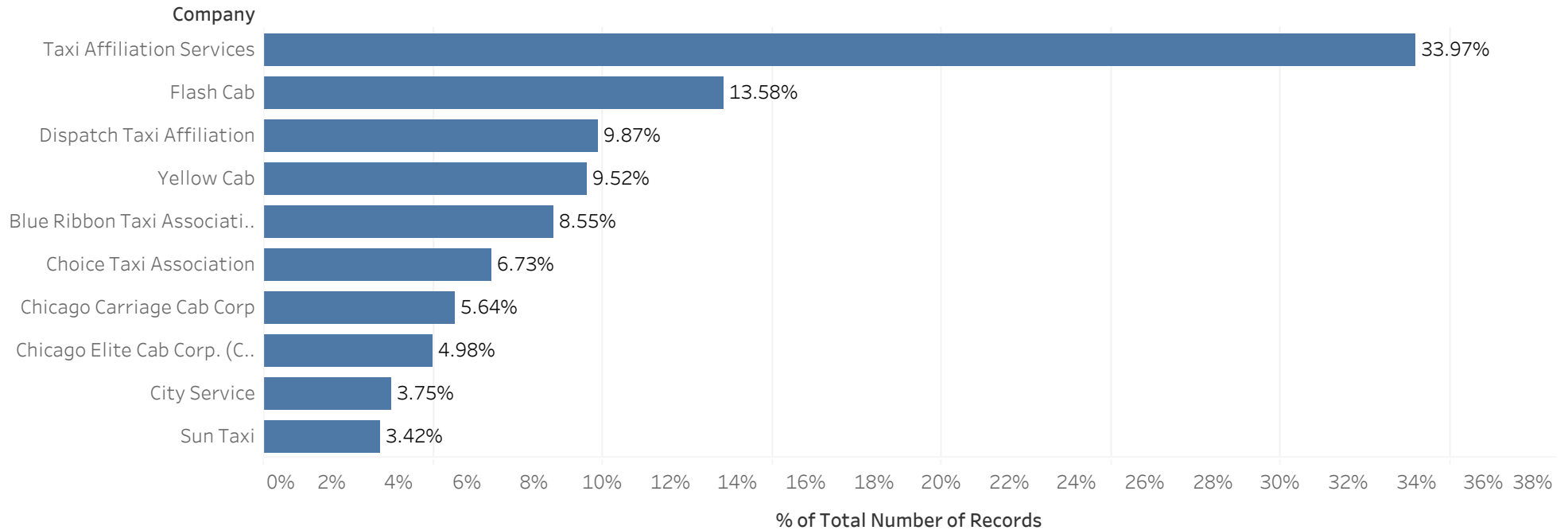
% of Total Number of Records for each Company. The marks are labelled by % of Total Number of Records. The data is filtered on trip_start_timestamp Year, which has multiple members selected. The view is filtered on Company, which has multiple members selected.

Top 10 companies - Fare

Company	Fare
Taxi Affiliation Services	436,325,599
Flash Cab	188,895,034
Yellow Cab	123,971,823
Dispatch Taxi Affiliation	123,507,974
Blue Ribbon Taxi Associati..	105,041,008
Chicago Carriage Cab Corp	83,823,786
Choice Taxi Association	92,205,755
Chicago Elite Cab Corp. (C..	87,683,904
City Service	54,894,712
Sun Taxi	51,812,847

Fare axis: 0M, 50M, 100M, 150M, 200M, 250M, 300M, 350M, 400M, 450M, 500M

Sum of Fare for each Company. The marks are labelled by sum of Fare. The data is filtered on trip_start_timestamp Year, which has multiple members selected. The view is filtered on Company, which has multiple members selected.
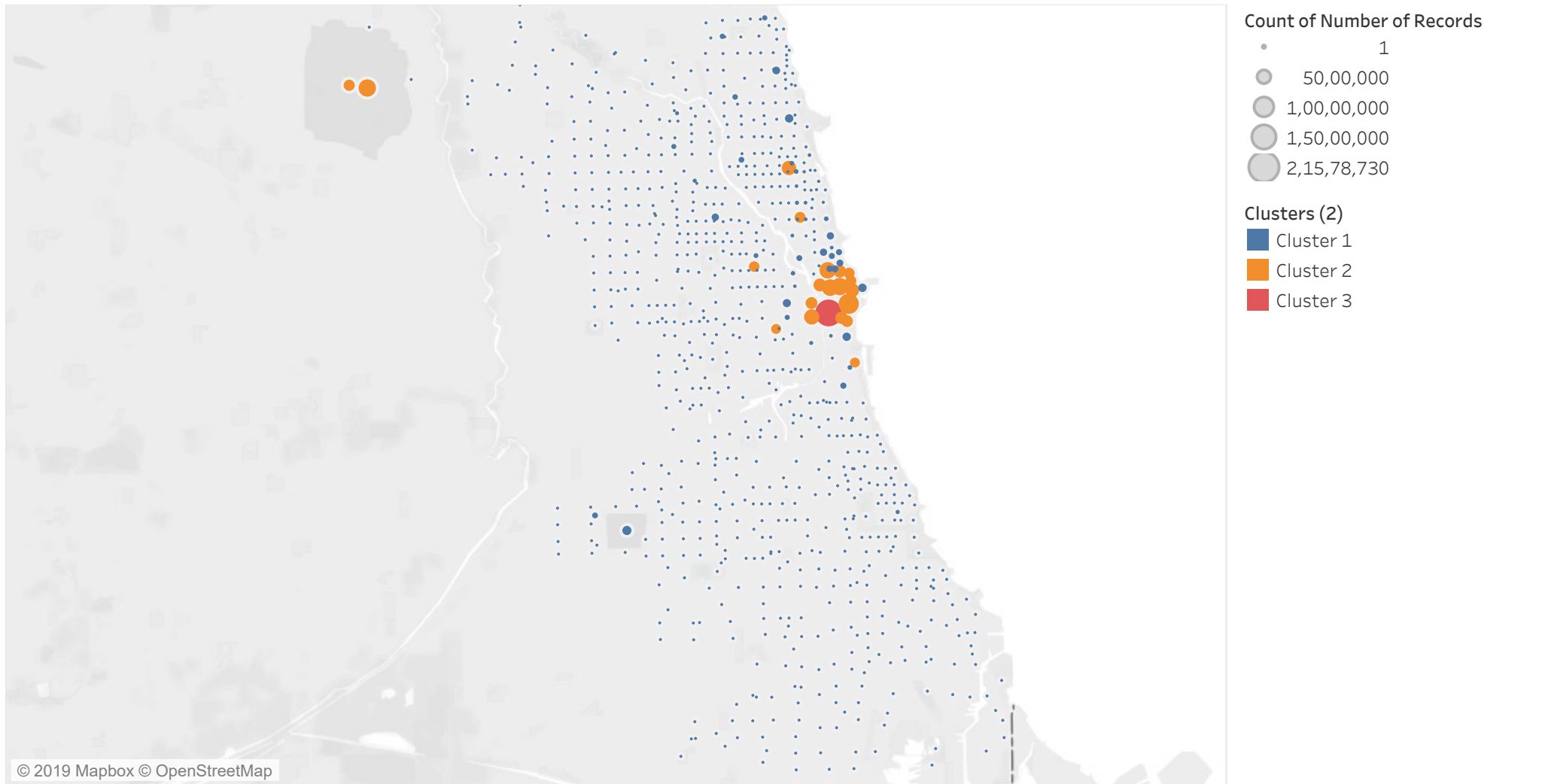
Pickup location of Taxi Affiliation Services

Map based on Pickup Longitude and pickup_latitude. The data is filtered on Company and trip_start_timestamp Year. The Company filter keeps Taxi Affiliation Services. The trip_start_timestamp Year filter has multiple members selected.

Dropoff Density

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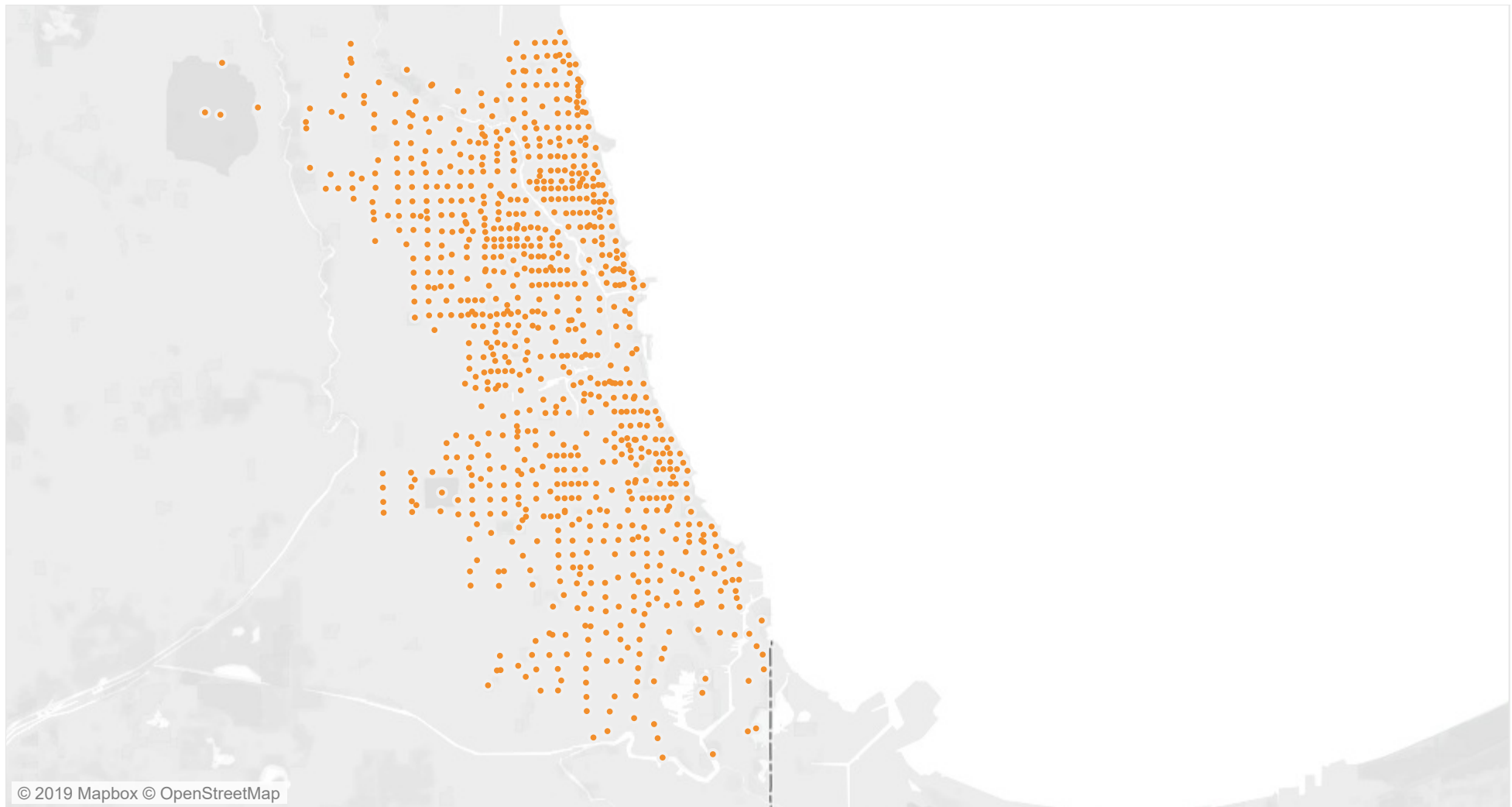
Map based on Dropoff Longitude and Dropoff Latitude. The data is filtered on trip_start_timestamp Year, which has multiple members selected.

Avg Trips Clustering

Count of Number of Records

- · 1
- ○ 50,00,000
- ○ 1,00,00,000
- ○ 1,50,00,000
- ○ 2,15,78,730

Clusters (2)

- ■ Cluster 1
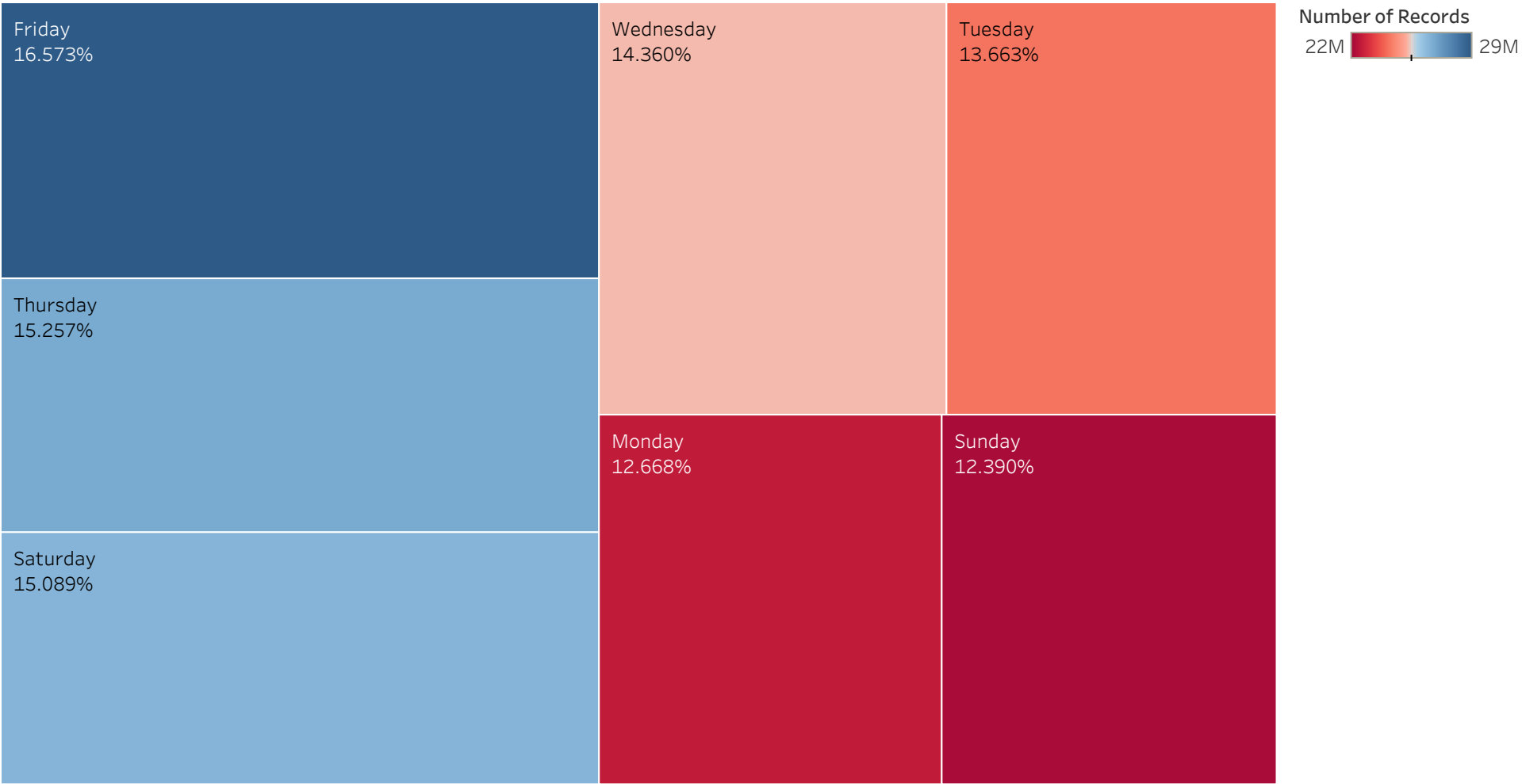- ■ Cluster 2
- ■ Cluster 3

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Map based on Pickup Longitude and pickup_latitude. Colour shows details about Clusters (2). Size shows count of Number of Records. The data is filtered on trip_start_timestamp Year, which has multiple members selected. The view is filtered on Clusters (2), which keeps multiple members.
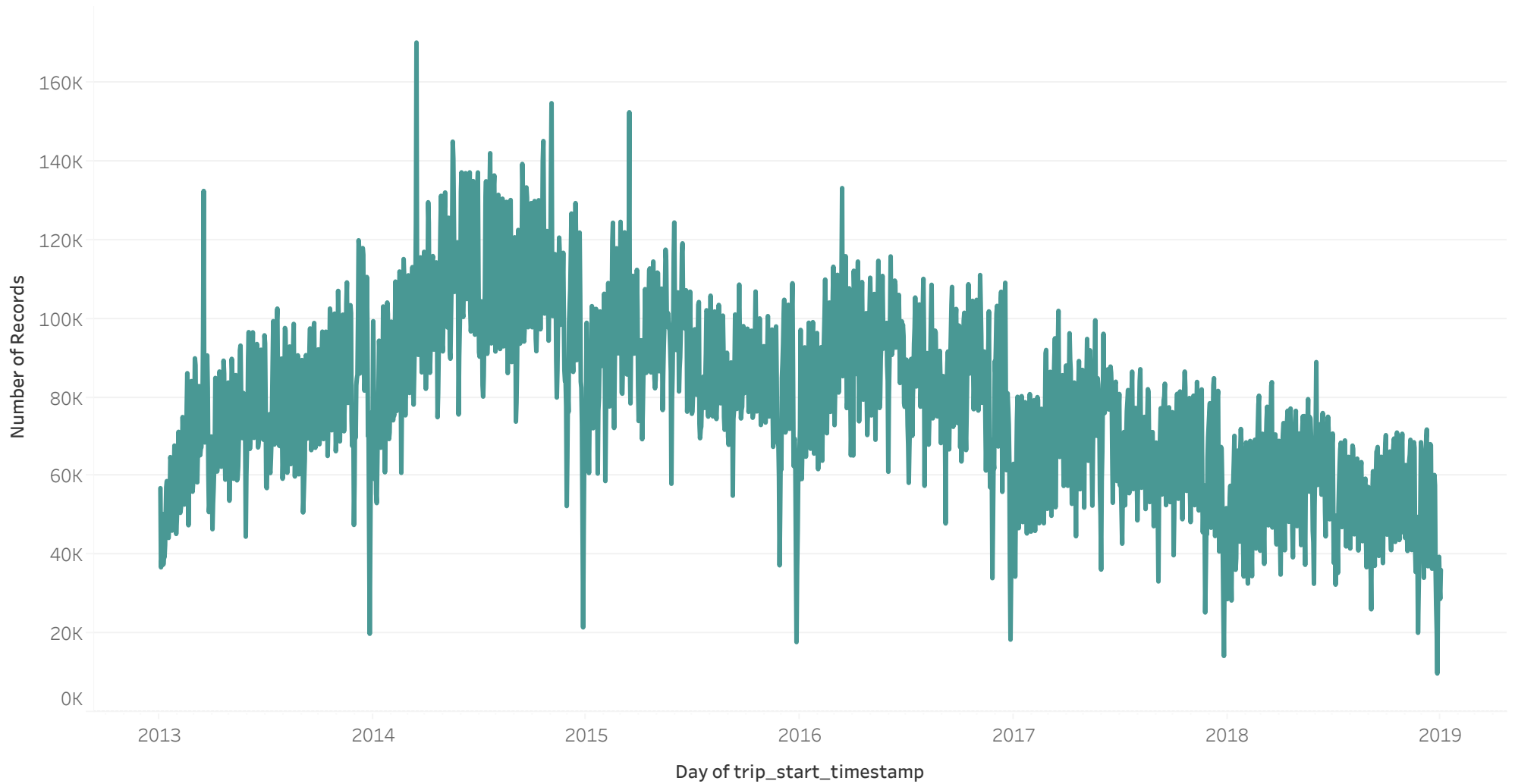
Trips Distribution over years
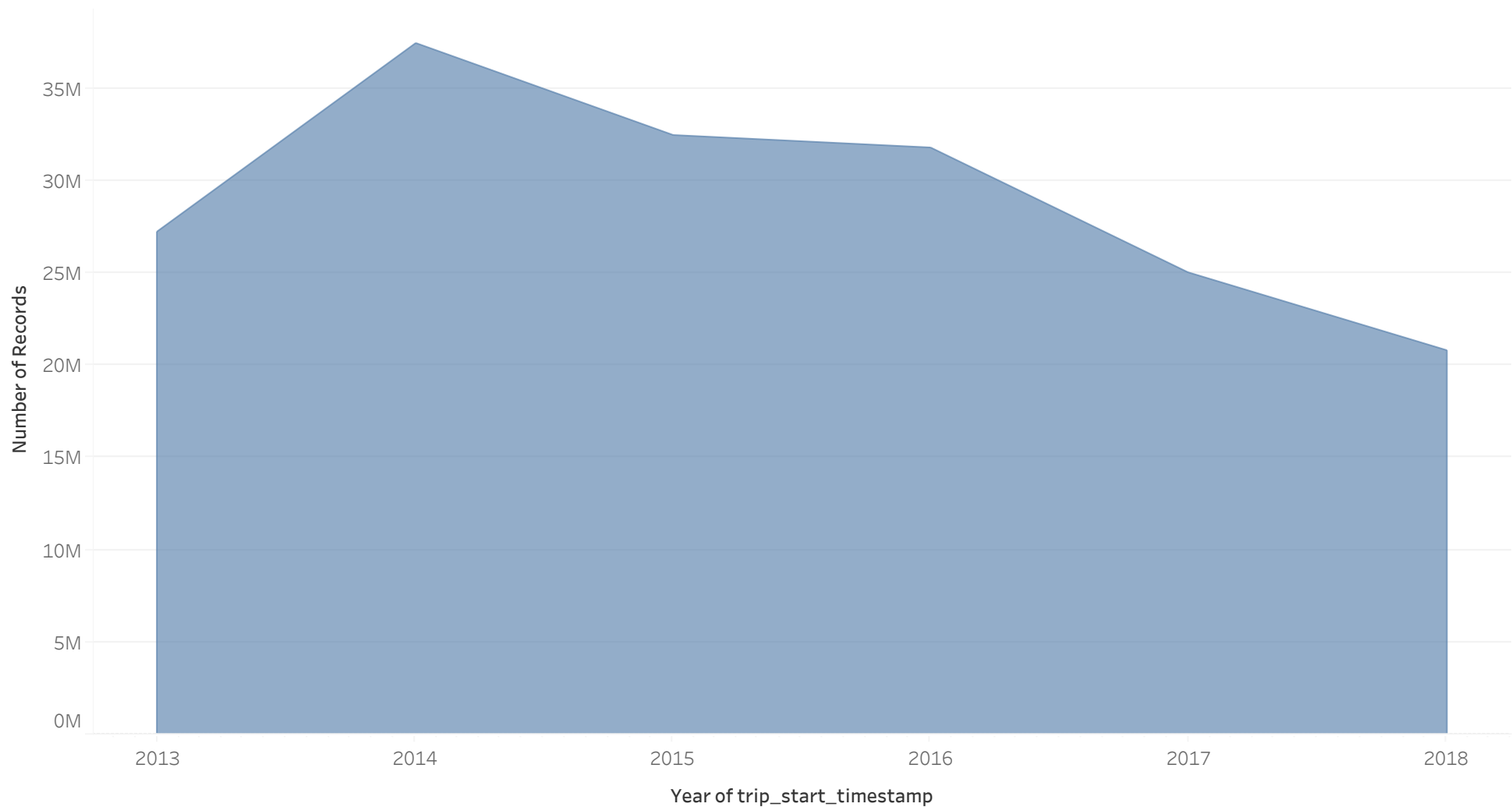
The plot of sum of Number of Records for trip_start_timestamp Year. The data is filtered on trip_start_timestamp Year, which has multiple members selected.

Trip Dist over week days

Friday
16.573%

Thursday
15.257%

Saturday
15.089%

Wednesday
14.360%

Monday
12.668%

Tuesday
13.663%

Sunday
12.390%

Number of Records
22M — 29M

Trip_start_timestamp Weekday and % of Total Number of Records. Colour shows sum of Number of Records. Size shows sum of Number of Records. The marks are labelled by trip_start_timestamp Weekday and % of Total Number of Records. The data is filtered on trip_start_timestamp Year, which has multiple members selected.
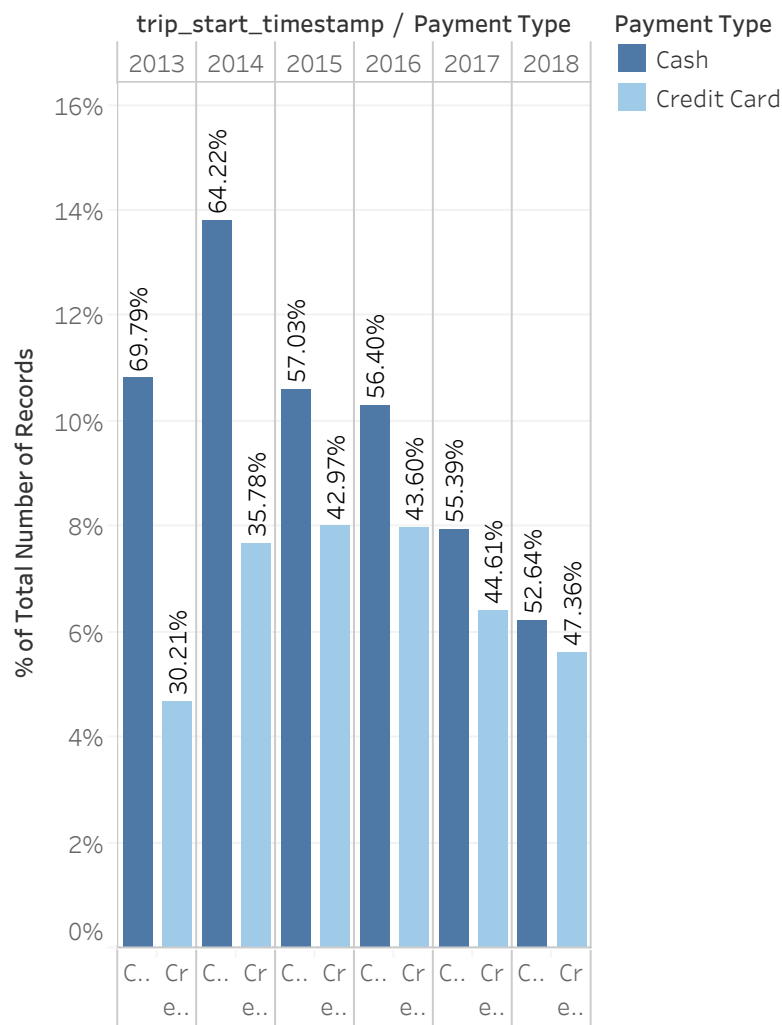
Distribution of Trips over Years

The trend of sum of Number of Records for trip_start_timestamp Day. The data is filtered on trip_start_timestamp Year, which has multiple members selected.
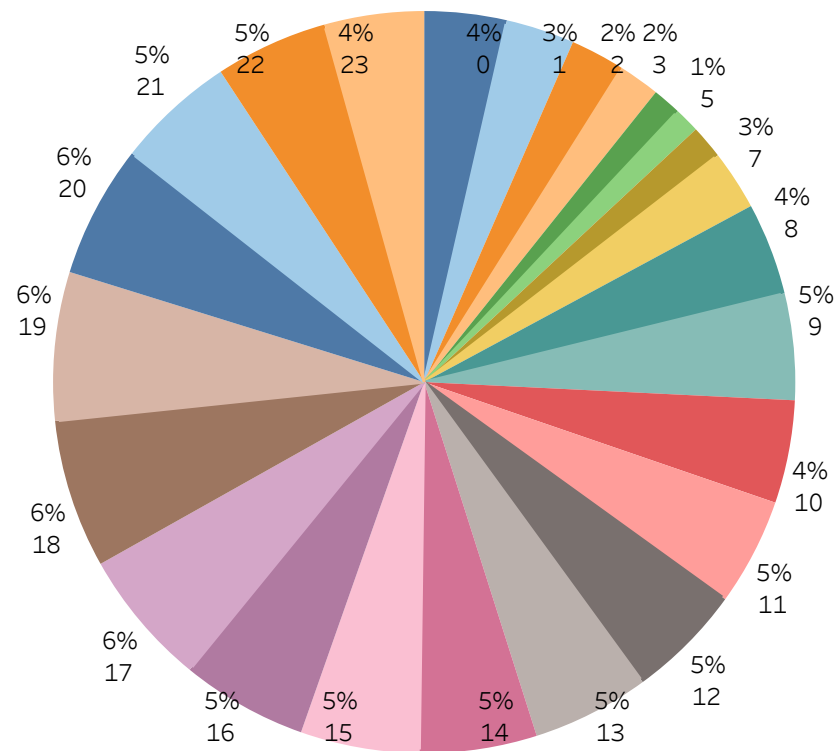
Payment Type over the years

% of Total Number of Records for each Payment Type broken down by trip_start_timestamp Year. Colour shows details about Payment Type. The marks are labelled by % of Total Number of Records. The view is filtered on trip_start_timestamp Year and Payment Type. The trip_start_timestamp Year filter excludes 2019. The Payment Type filter keeps Cash and Credit Card.

Trip Distribution over 24 Hours
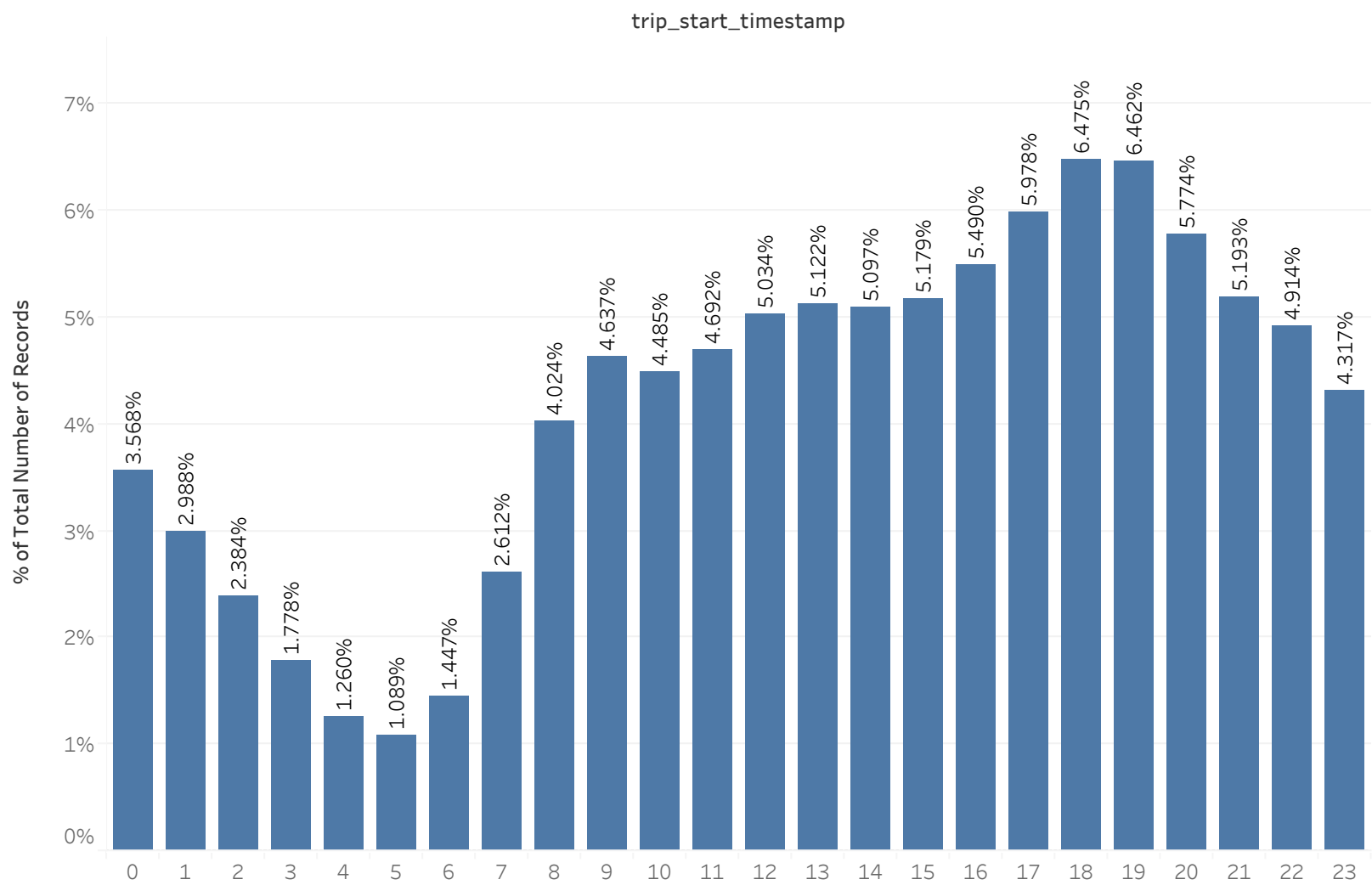

% of Total Number of Records and trip_start_timestamp Hour. Colour shows details about trip_start_timestamp Hour. Size shows % of Total Number of Records. The marks are labelled by % of Total Number of Records and trip_start_timestamp Hour. The data is filtered on trip_start_timestamp Year, which excludes 2019.

% of Total Number of Records

100%

Hour of trip_start_timestamp

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
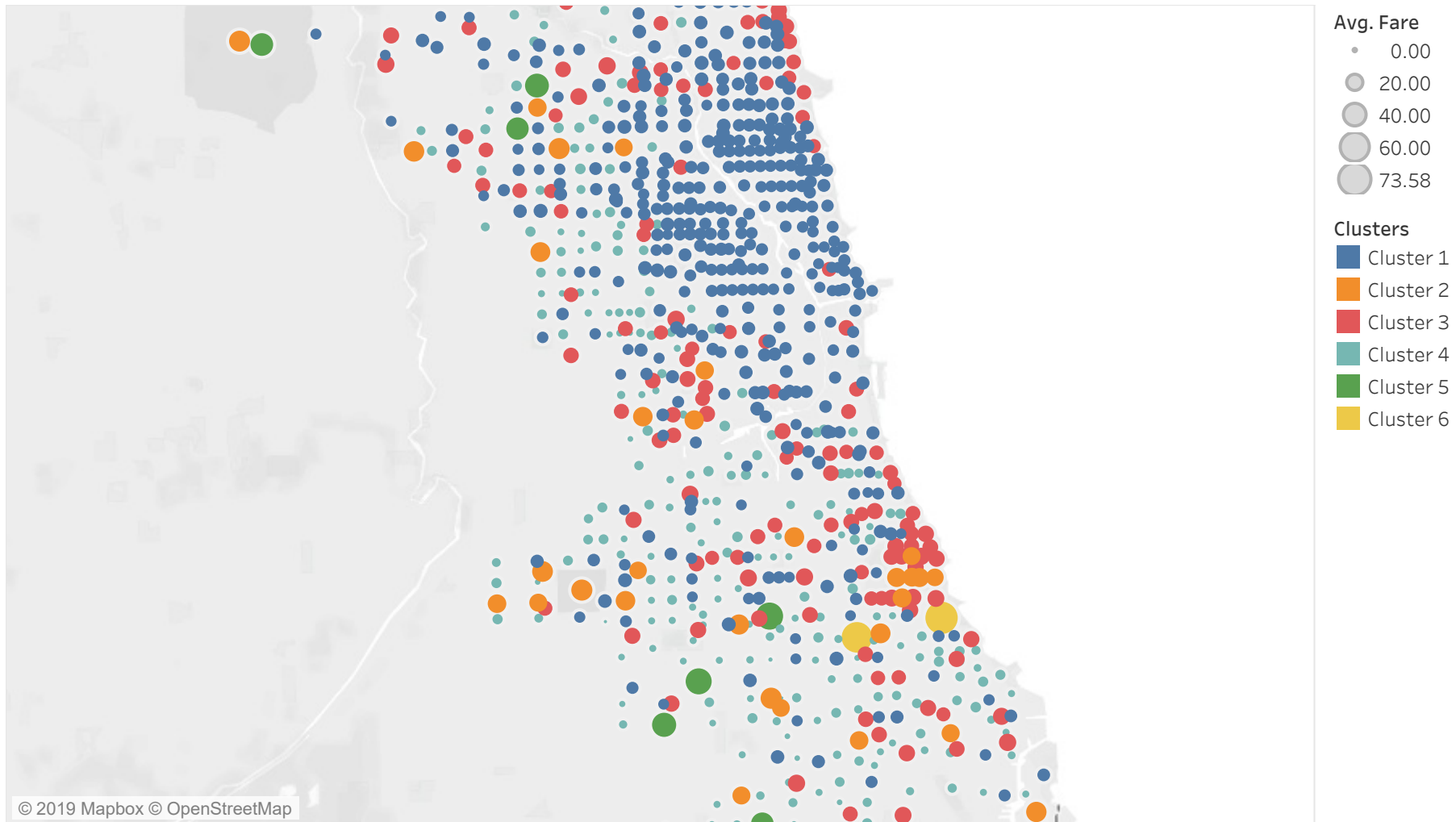
% of Trips in a Day

% of Total Number of Records for each trip_start_timestamp Hour. The marks are labelled by % of Total Number of Records. The data is filtered on trip_start_timestamp Year, which excludes 2019.

Avg Fare Clustering

Avg. Fare

- · 0.00
- ○ 20.00
- ◯ 40.00
- ◯ 60.00
- ◯ 73.58

Clusters

- ■ Cluster 1
- ■ Cluster 2
- ■ Cluster 3
- ■ Cluster 4
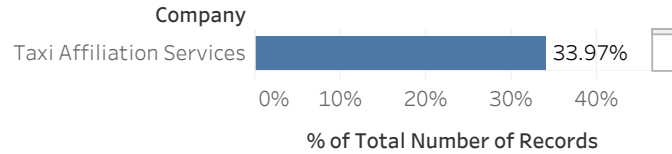- ■ Cluster 5
- ■ Cluster 6

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Map based on Pickup Longitude and pickup_latitude. Colour shows details about Clusters. Size shows average of Fare. The data is filtered on trip_start_timestamp Year, which excludes 2019.
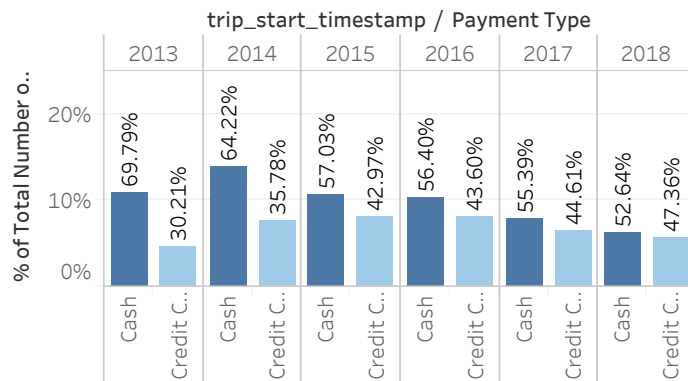
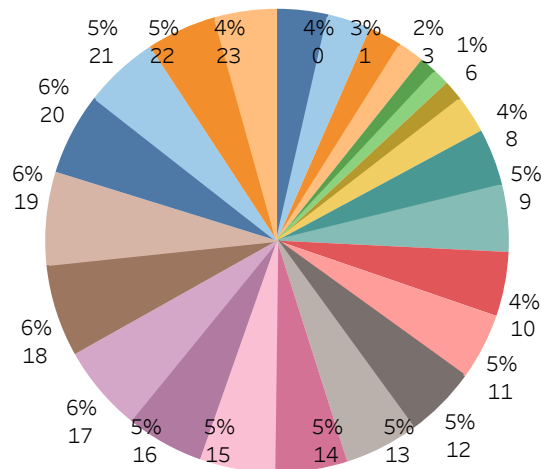Sheet 13

CHICAGO TAXI TRIPS ANALYSIS

Avg Fare Clustering
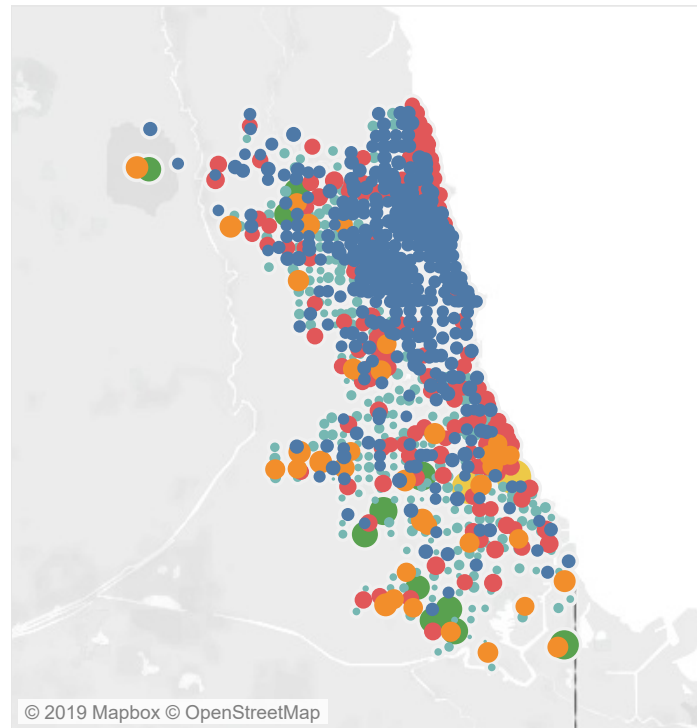
Avg. Fare
- 0.00
- 20.00
- 40.00
- 60.00
- 73.58

Clusters
- Cluster 1
- Cluster 2
- Cluster 3
- Cluster 4
- Cluster 5
- Cluster 6

Number of Records
2,16,17,526   2,89,16,309

% of Total Number of Rec..
100%

Hour of trip_start_times..
- 0
- 1
- 2
- 3
- 4
- 5
- 6

Year of trip_start_timest..
- ✔ 2013
- ✔ 2014
- ✔ 2015
- ✔ 2016
- ✔ 2017
- ✔ 2018
- 2019

Payment Type
- Cash
- Credit Card

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Top 10 Companies - Max Trips

Company

Taxi Affiliation Services — 33.97%

0%   10%   20%   30%   40%

% of Total Number of Records

Payment Type over the years

trip_start_timestamp / Payment Type

	2013		2014		2015		2016		2017		2018	
	Cash	Credit C..	Cash	Credit C..	Cash	Credit C..	Cash	Credit C..	Cash	Credit C..	Cash	Credit C..
	69.79%	30.21%	64.22%	35.78%	57.03%	42.97%	56.40%	43.60%	55.39%	44.61%	52.64%	47.36%

% of Total Number o..

Trip Distribution over 24 Hours

5% 21 · 5% 22 · 4% 23 · 4% 0 · 3% 1 · 2% 3 · 1% 6 · 4% 8 · 5% 9 · 4% 10 · 5% 11 · 5% 12 · 5% 13 · 5% 14 · 5% 15 · 5% 16 · 6% 17 · 6% 18 · 6% 19 · 6% 20

Trip Dist over week days

Friday 16.573%	Wednesday 14.360%	Tuesday 13.663%
Thursday 15.257%		
Saturday 15.089%	Monday 12.668%	Sunday 12.390%