

**Q1: What is the count of records in the model fact\_trips for 2019 and 2020 data only**

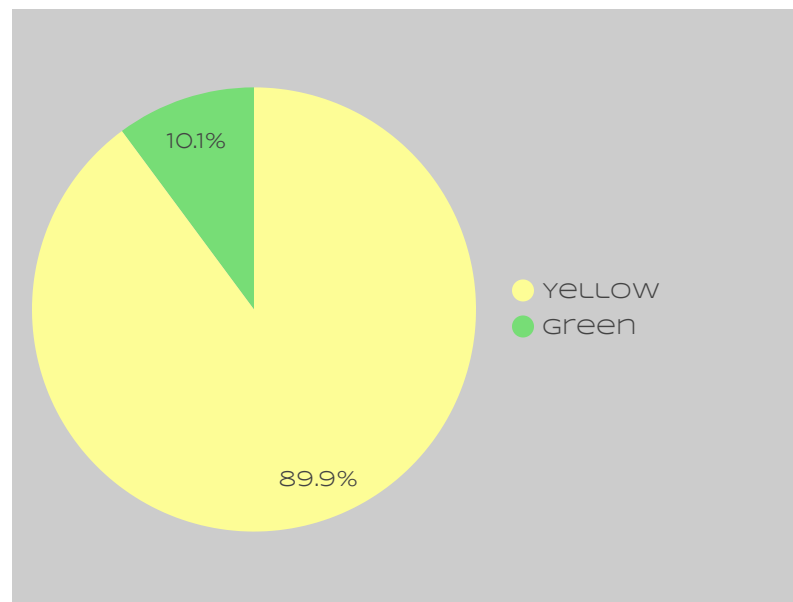
Jan 1, 2019 - Dec 31, 2020

**Total Count of records**

RECORD COUNT  
**61,648,442**

**Q2: What is the distribution between service type filtering by years 2019 and 2020?**

**Distribution by taxi service type:**



Q3: What is the count of records in the model  
stg\_fhv\_tripdata for 2019?

Jan 1, 2019 - Dec 31, 2019

Total Count of records

Record count  
43,244,696

Q4: What is the count of records in the model fact\_fhv\_trips in 2019?

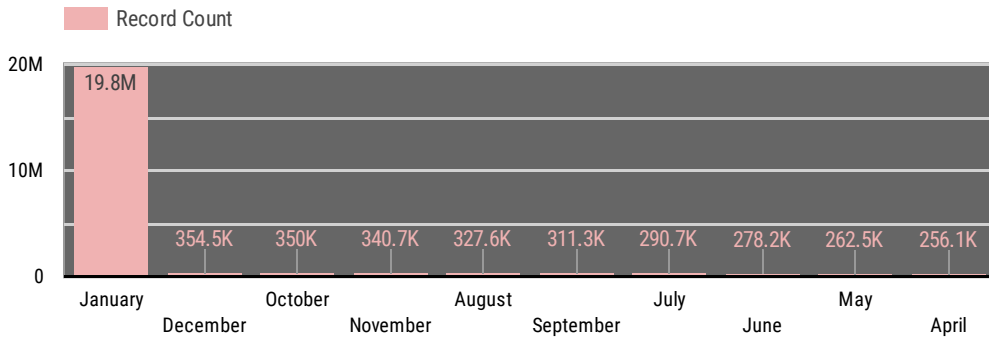
Jan 1, 2019 - Dec 31, 2019

Total Count of records

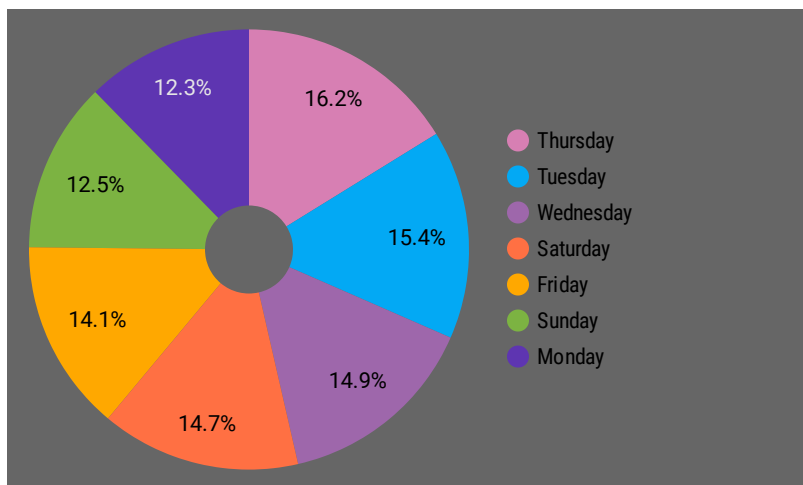
Record count  
22,998,722

Q5: What is the month with the biggest amount of rides after building a tile for the fact\_fhv\_trips

table?



Rides distribution by the day of the week



Rides distribution for the time of the day:

Popular Day and Time Combination for the Taxi rides

pickup_day_of_the_week / Record Count								
Hour	1 Monday	2 Tuesday	3 Wednesd...	4 Thursday	5 Friday	6 Saturday	7 Sunday	Gra...
0	65.1K	111.8K	78.9K	85.2K	82.3K	154.5K	179.6K	757.4K
1	39.2K	99.3K	45.2K	49.9K	50.6K	115.9K	142.4K	542.6K
2	26.1K	84.5K	30.2K	32.8K	33.7K	88.2K	108.1K	403.6K
3	21.4K	68.6K	24.8K	27.1K	27.5K	64.9K	80.1K	314.4K
4	33.8K	63.3K	33.6K	35.9K	33.8K	53.9K	60.6K	314.8K
5	51.9K	70.9K	56.3K	58.3K	49.6K	44.3K	42.5K	373.9K
6	89K	109K	106.3K	111.9K	88.8K	54.6K	47.1K	606.6K
7	145.2K	175.1K	186.6K	196.6K	154.8K	73.9K	58.3K	990.4K
8	186.1K	217.8K	231.1K	250.7K	197.4K	105K	74.8K	1.3M
9	167.7K	190K	199.7K	220.1K	172K	127.5K	98.8K	1.2M
10	140.9K	156K	162.1K	177.8K	142.1K	137.6K	123.9K	1M
11	135.2K	146.4K	150.2K	168K	135.9K	147.3K	137.3K	1M
12	140.1K	152.2K	154.7K	168.9K	141.6K	156.7K	142.2K	1.1M
13	143.3K	156.4K	157.5K	172.1K	147.2K	158.9K	145.5K	1.1M
14	147.5K	163K	165.1K	183K	152.4K	155.7K	147.6K	1.1M
15	149.5K	170.4K	169.9K	186.1K	154.3K	163.2K	148.8K	1.1M
16	148.7K	171.1K	174.9K	189.8K	156.6K	170.5K	150.5K	1.2M
17	172.7K	200.7K	205K	221.5K	184K	187.3K	159.5K	1.3M
18	179.3K	211.5K	220.3K	239K	196.6K	201K	165.6K	1.4M
19	160.4K	197.9K	204.7K	220.7K	203.4K	211.5K	154.6K	1.4M
20	143.6K	178K	188.5K	202.7K	189.7K	199.3K	142.7K	1.2M
21	133.7K	168.9K	178.4K	197.3K	180.3K	193.2K	132.7K	1.2M
22	119.4K	150.1K	163.6K	181.7K	185.2K	199.1K	129.9K	1.1M
...	2.8M	3.5M	3.4M	3.7M	3.2M	3.4M	2.9M	23M

