

US Accidents (2016-2021) Data Analytics

2845342
Total Accidents

11636
Total Cities

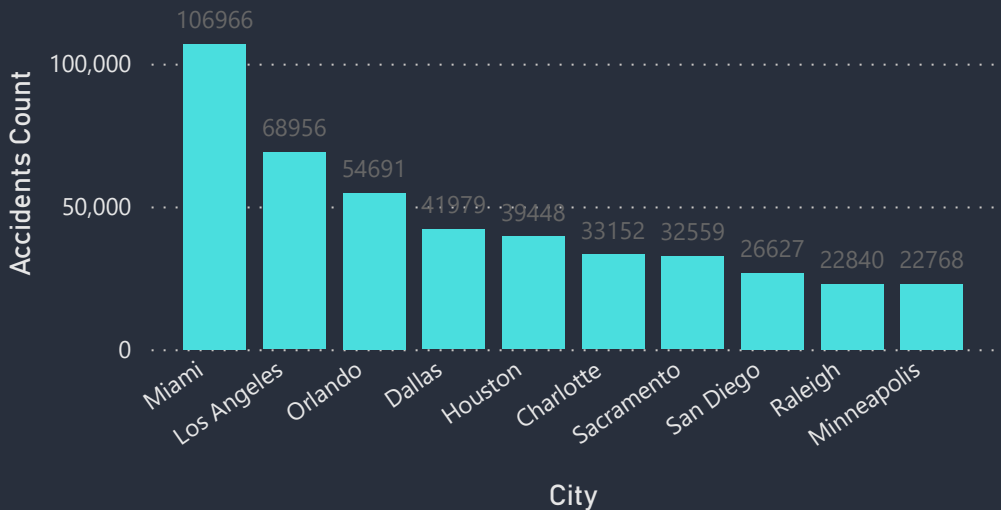
137
Total Missing

449986
Count of ID

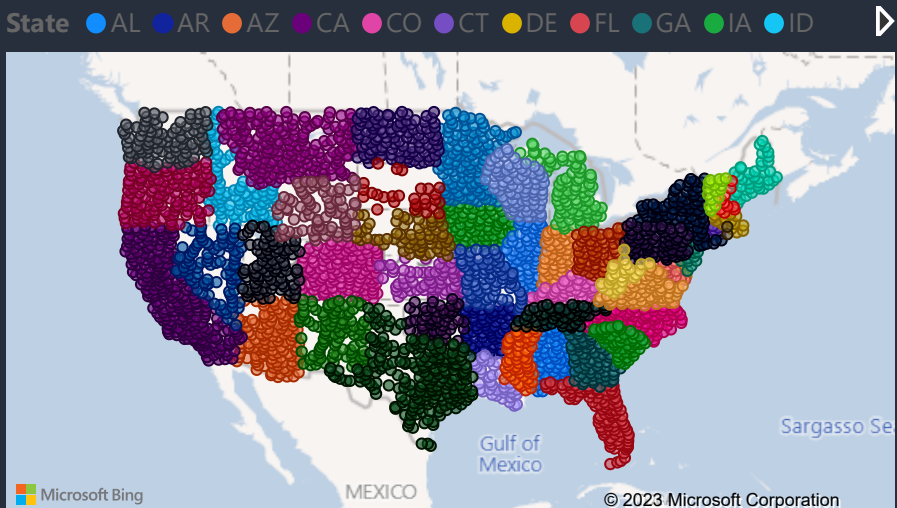
Accidents Count in Top 10 Cities vs Total Accidents



Top 10 Cities Having the Most Number of Aaccidents

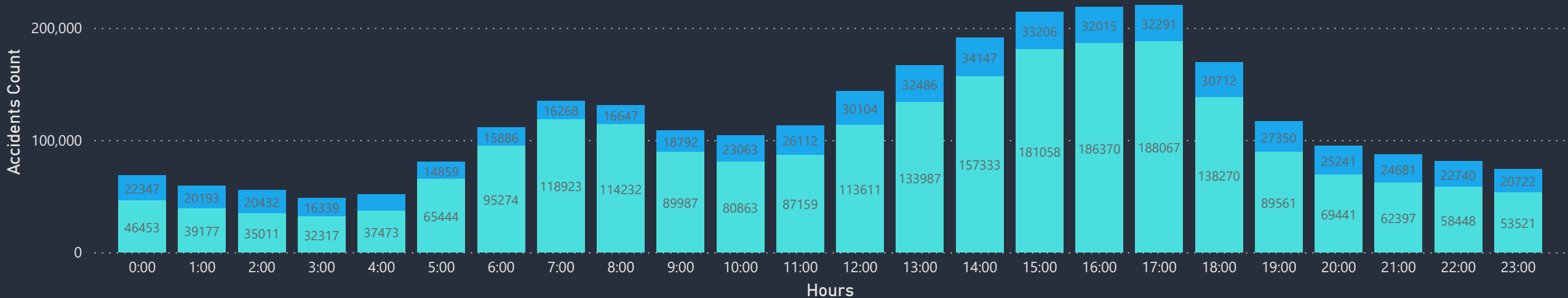


Geographical Plotting of Accidents in United States



Accidents Distribution by Hours on Weekdays and Weekends

Days ● Weekday ● Weekend

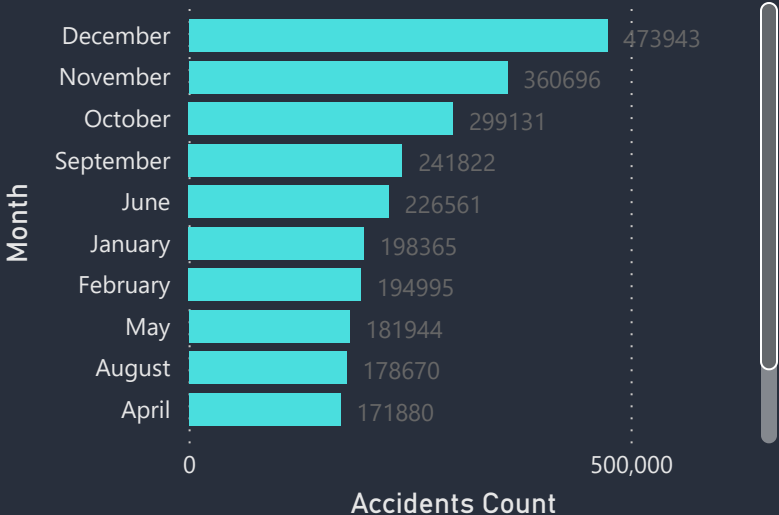


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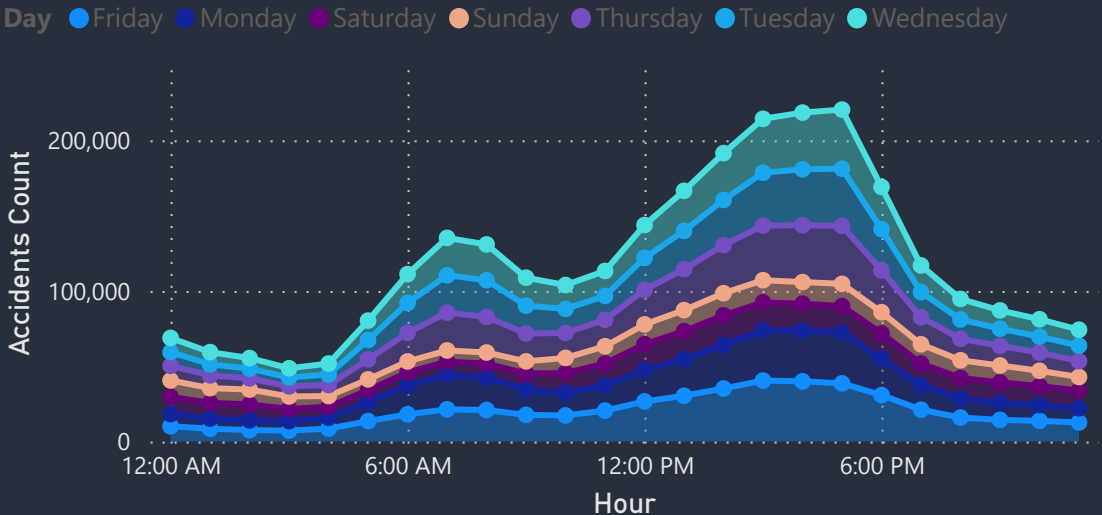
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Accidents Count by Month



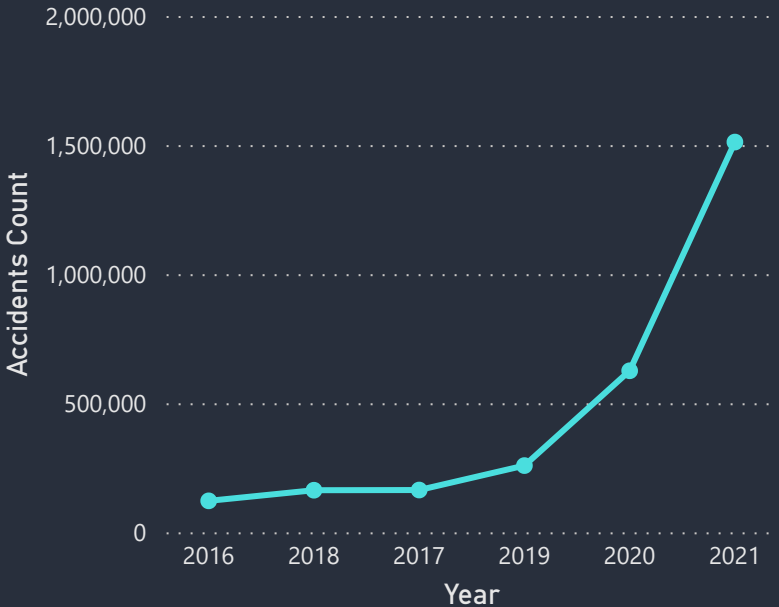
Accidents Distribution On Each Day



Insights:

- There were only 137 missing values in a dataset of 2.8M entries which was simply ignorable.
- Out of 11636 Cities, almost 15% of accidents happen in top 10 cities only.
- The accidents count is a lot more in each hour on weekdays as compared to weekends.
- On Sundays, the accidents count is usually higher between 12pm and 6pm.
- December month has the most number of accidents.
- Among the top 100 cities, the most of the accidents happen in CA, FL, TX, and NC states.
- The accidents count keeps on increasing at an alarming rate with each passing year.

Accidents Count by Year



States Having Most Number of Accidents Among Top 100 Cities

