Traffic Collision Visualization

Team OWL

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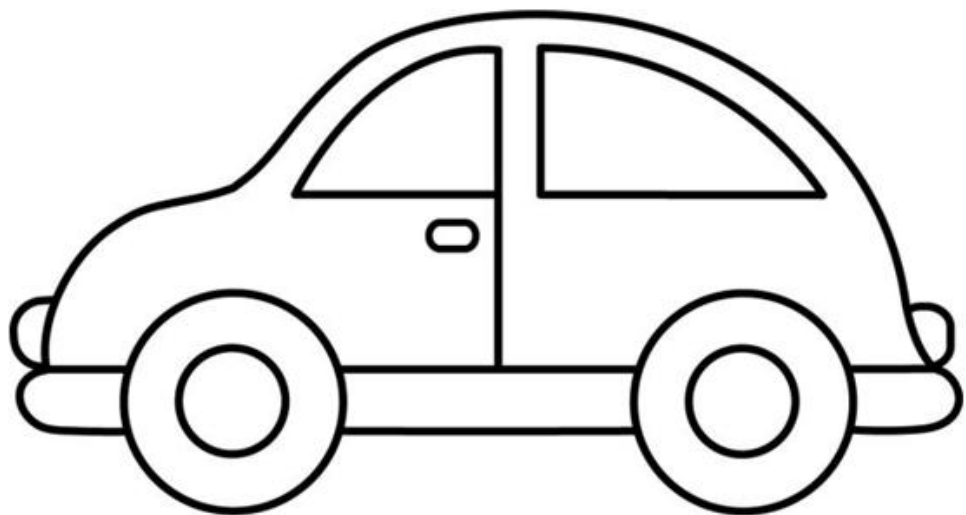Yunwei Zhang (yunweizh@usc.edu)

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City

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City of Los Angeles

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Traffic Collision Data from 2010 to Present

📅 Metadata Updated: August 9, 2018

This dataset reflects traffic collision incidents in the City of Los Angeles dating back to 2010. This data is transcribed from original traffic reports that are typed on paper and therefore there may be some inaccuracies within the data. Some location fields with missing data are noted as (0°, 0°). Address fields are only provided to the nearest hundred block in order to maintain privacy. This data is as accurate as the data in the database. Please note questions or concerns in the comments.

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Downloads & Resources

CSV **Comma Separated Values File** 📈 100 views   ⬇ **Download**

✅ Link is ok   ★★★☆☆ Openness score

Exploring NYC Vehicle Crash Data

Relationship Between Location and Type of Accident

	Population	Total # of Accidents	% of Accidents involving Injury or Death	Accidents per 100,000 People
Bronx	1,400K	61,483	30%	4,392
Brooklyn	2,500K	147,870	31%	5,915
Manhattan	1,600K	128,375	17%	8,023
Queens	2,200K	124,358	26%	5,653
Staten Island	500K	23,571	25%	4,714

Number of Accidents by Borough
Select a Borough to filter.

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* Accidents by Contributing Factor

Distractions	Poor Driving	Physical Ailments	Driving under th..	Outside Influence	Car Defects
36,378	16,632	16,362	5,058	3,319	

Gender Ratio
- Male: 71.01%
- Female: 28.99%

Alcohol Involvement

No Alcohol	Not Reported	Unknown
12,940	9,494	7,434
		Alcohol Involved
		5,234
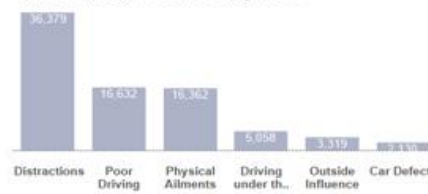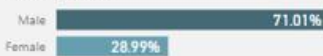
Distribution by Age

Average Age
43.50
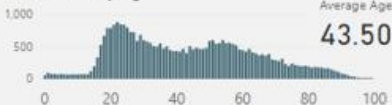
Total Fatalities
35,092

Distracted Driving Fatalities
3,865

■ Population Adjusted

| Rank ▲ | State | Year 1990 | | 2000 | | 2015 | |
		Number of Accidents	Number of Fatalities	Number of Accidents	Number of Fatalities	Number of Accidents	Number of Fatalities
1	Texas	2,885	3,246	3,254	3,779	3,124	3,516
2	California	4,685	5,192	3,348	3,753	2,925	3,176
3	Florida	2,586	2,891	2,733	2,999	2,699	2,939
4	Georgia	1,407	1,559	1,380	1,541	1,327	1,430
5	North Carolina	1,250	1,385	1,408	1,557	1,275	1,379
6	Pennsylvania	1,511	1,643	1,396	1,520	1,102	1,200
7	New York	2,034	2,215	1,369	1,460	1,046	1,121
8	Ohio	1,477	1,636	1,244	1,366	1,029	1,110