



INFX562
Interactive Information Visualization

Interactive Visualization of
**Fatal Collisions
Across the States**

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Schema of Data

State	US states names
Geotype	Every state has a geography category indicating which area the state belongs to. (cw – Central Western, ne – Northeastern, s – Southern, w – Western)
FatalPerBillionMiles	Number of fatal collisions per billion miles in that state
Speeding	Percentage Of Drivers Involved In Fatal Collisions Who Were Speeding
Alcohol-Impaired	Percentage Of Drivers Involved In Fatal Collisions Who Were Alcohol-Impaired
Distracted	Percentage Of Drivers Involved In Fatal Collisions Who Were Distracted
Car Insurance Premiums	How much the insurance company will pay (\$)
Insurance Incurred per Driver	Losses incurred by insurance companies for collisions per insured driver (\$)

Interactive EDA

Overview of the dataset

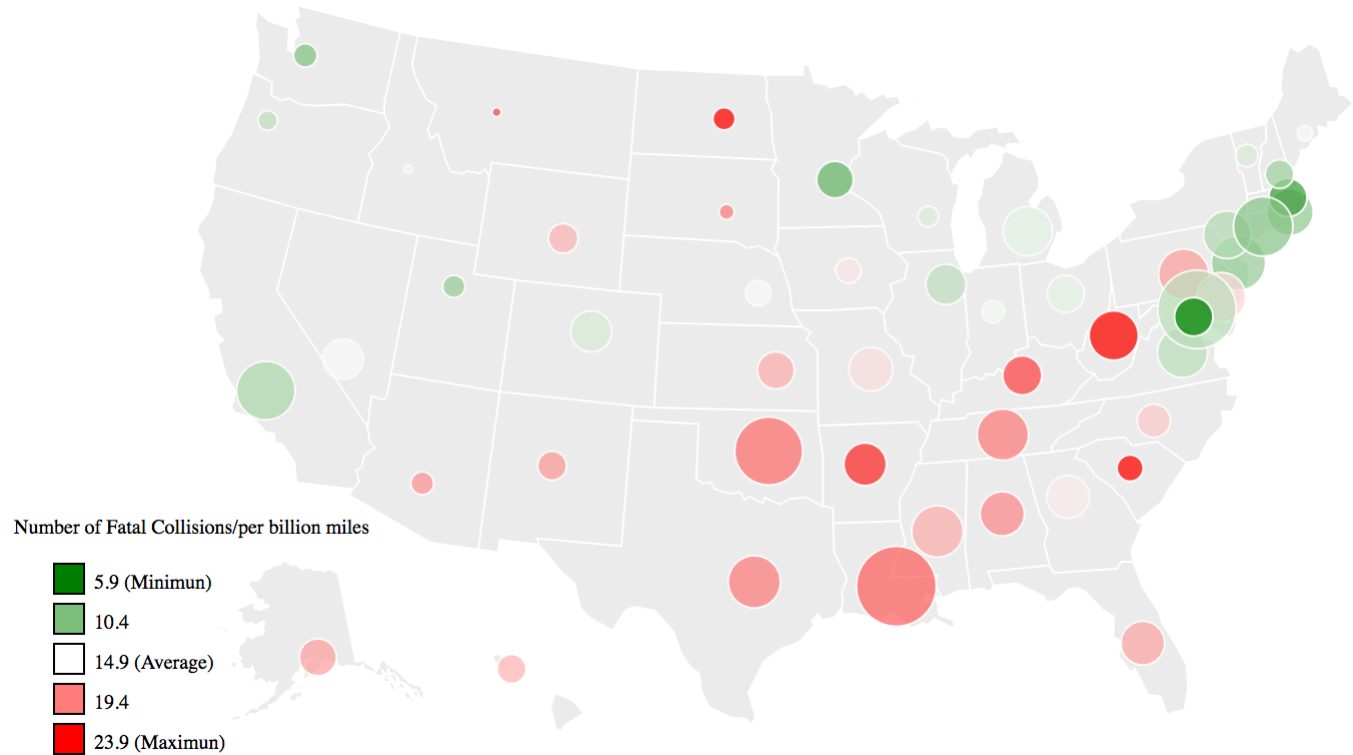
Geographical
distribution pattern

Dig deeper into details

Causes of fatal
collisions

Regression Analysis

Insurance pricing
policy



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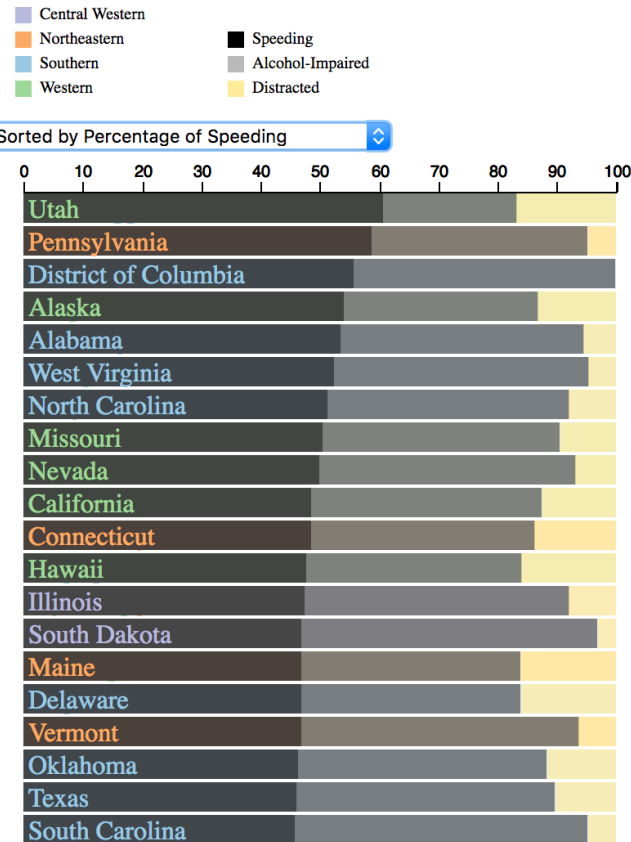
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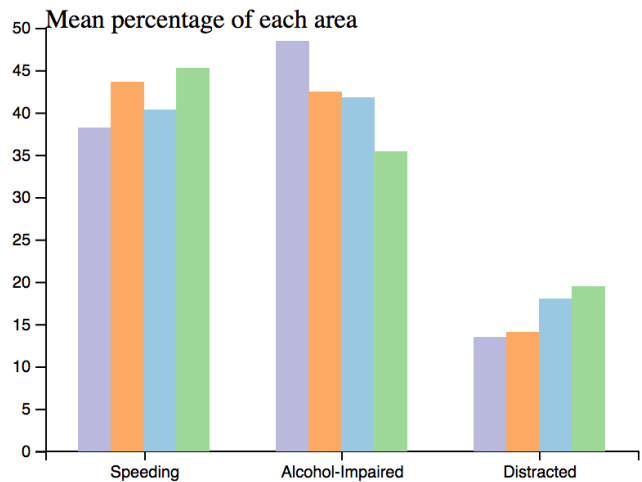
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Percentage of Causes of the Fatal Collisions



Mean percentage of each area



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