



A CLOUD GURU

Choosing a Visualization



Brock Tubre

INSTRUCTOR

Choosing a Visualization

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Picking the right graph, chart, or visualization just depends on *what* you want to see.

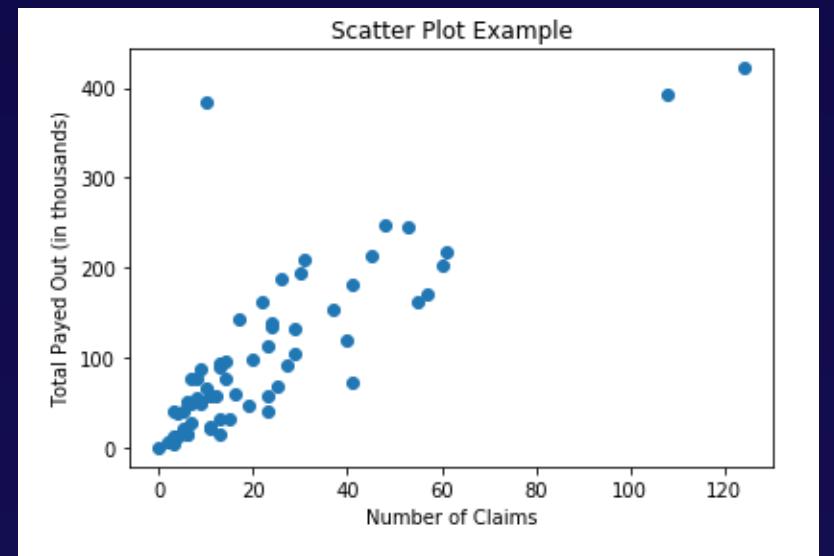


Choosing a Visualization



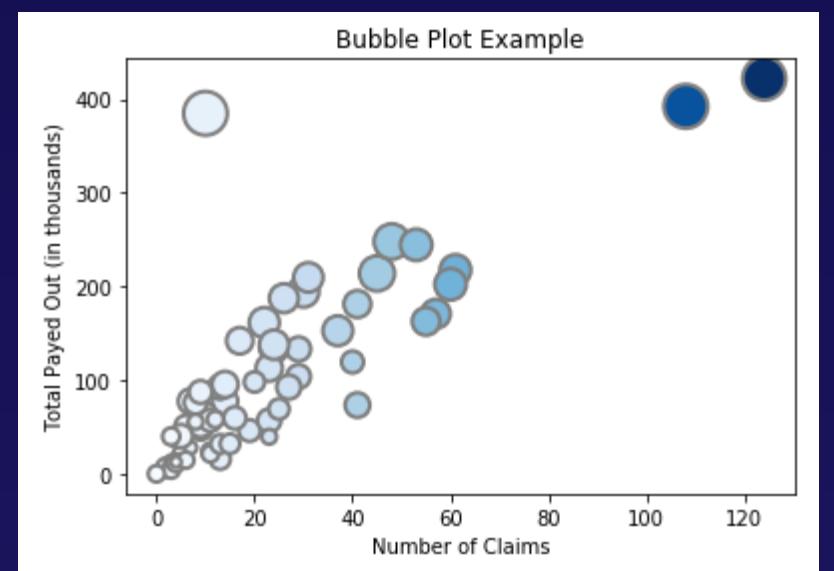
Choosing a Visualization

Scatter Plot



2 variables

Bubble Chart



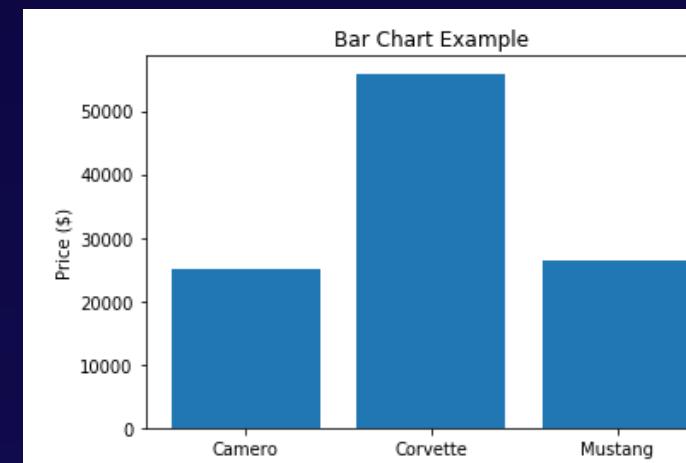
3 variables

Relationship

What do we
want to
show?

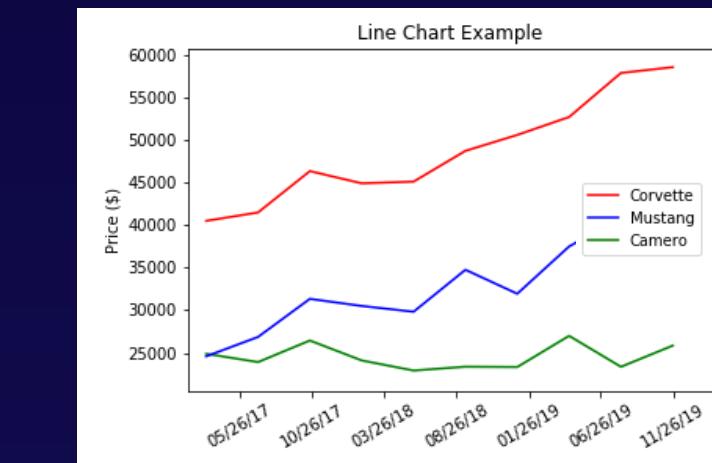
Choosing a Visualization

Bar Chart



Value look ups

Line Chart



Change over time

Comparison

What do we
want to
show?

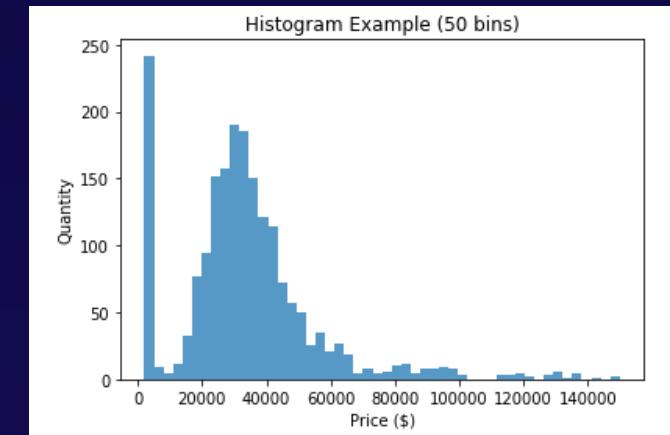
Choosing a Visualization

What do we
want to
show?

Distribution

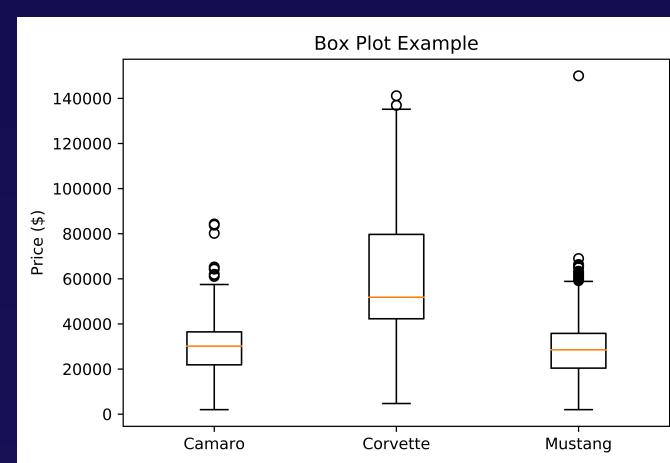
Single distribution

Histogram



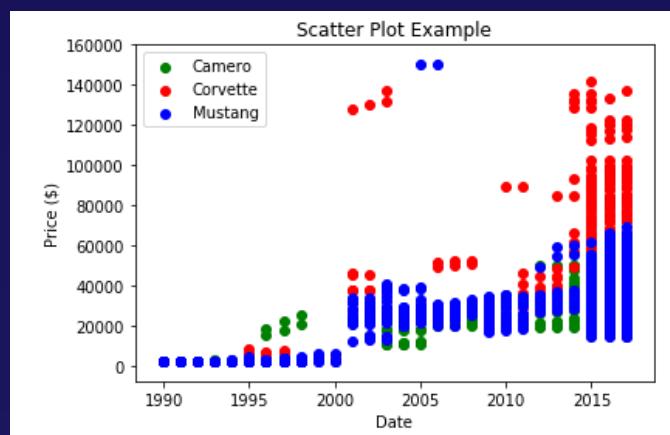
Multi distribution

Box Plots



Multi distribution

Scatter Plots



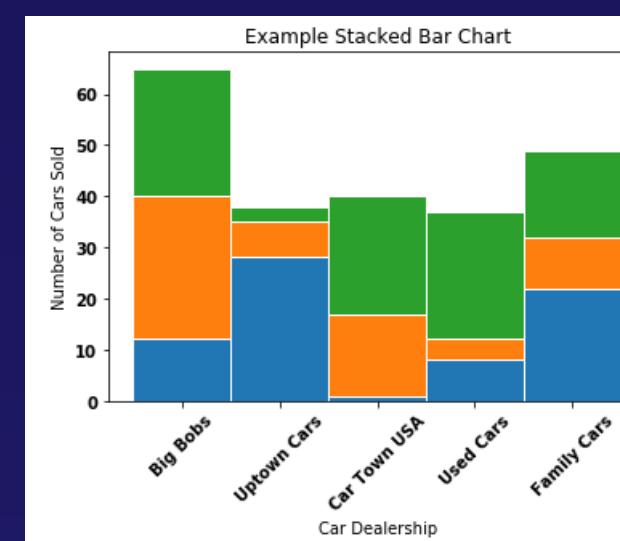
Choosing a Visualization

What do we
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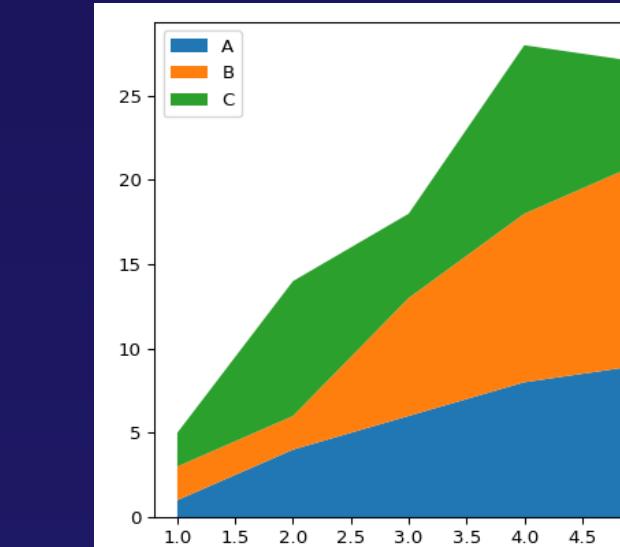
Composition

Changing over time

Stacked Bar Chart

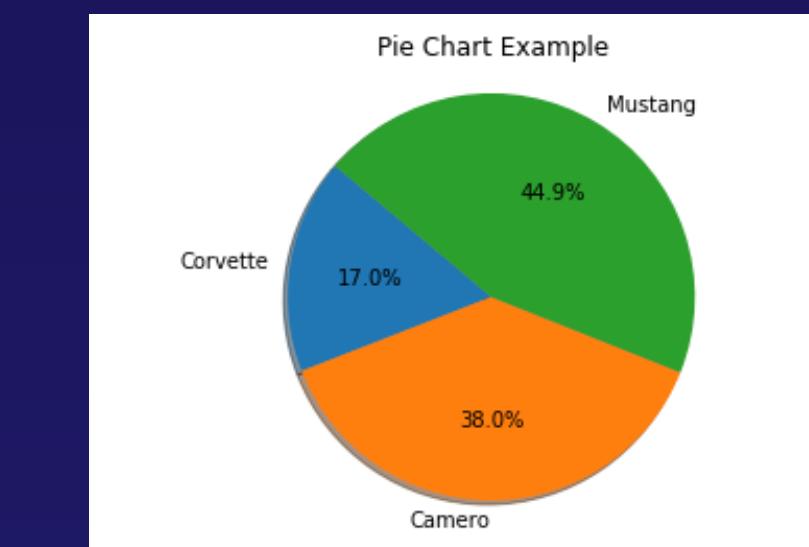


Stacked Area Chart



Static

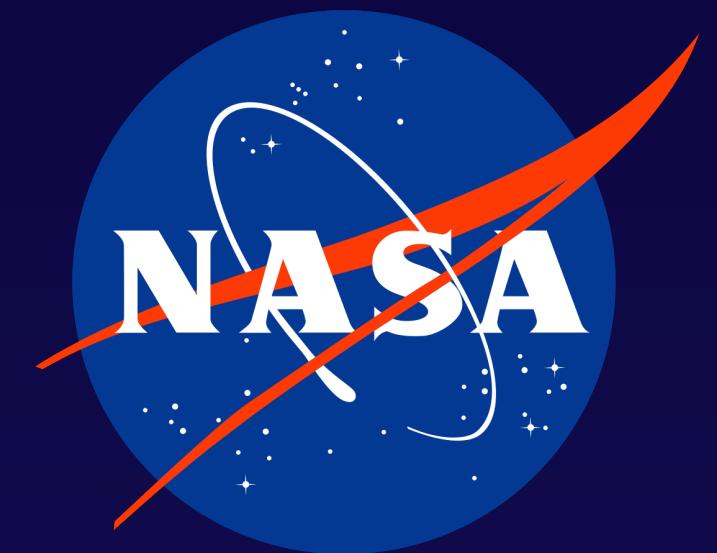
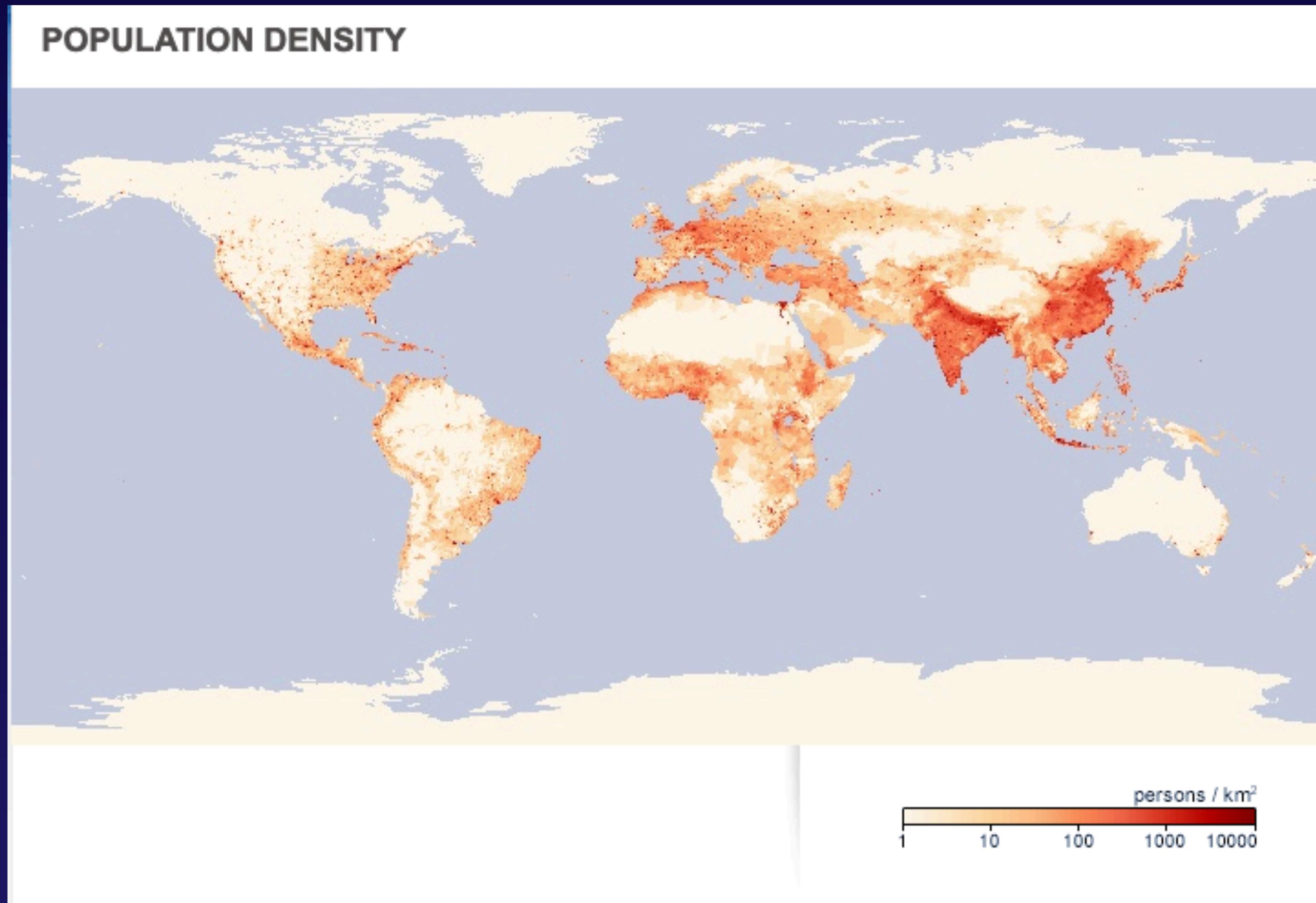
Pie Chart



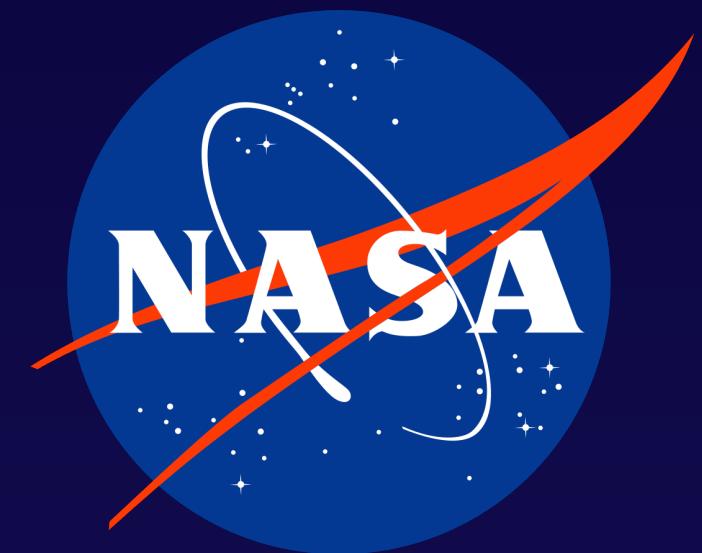
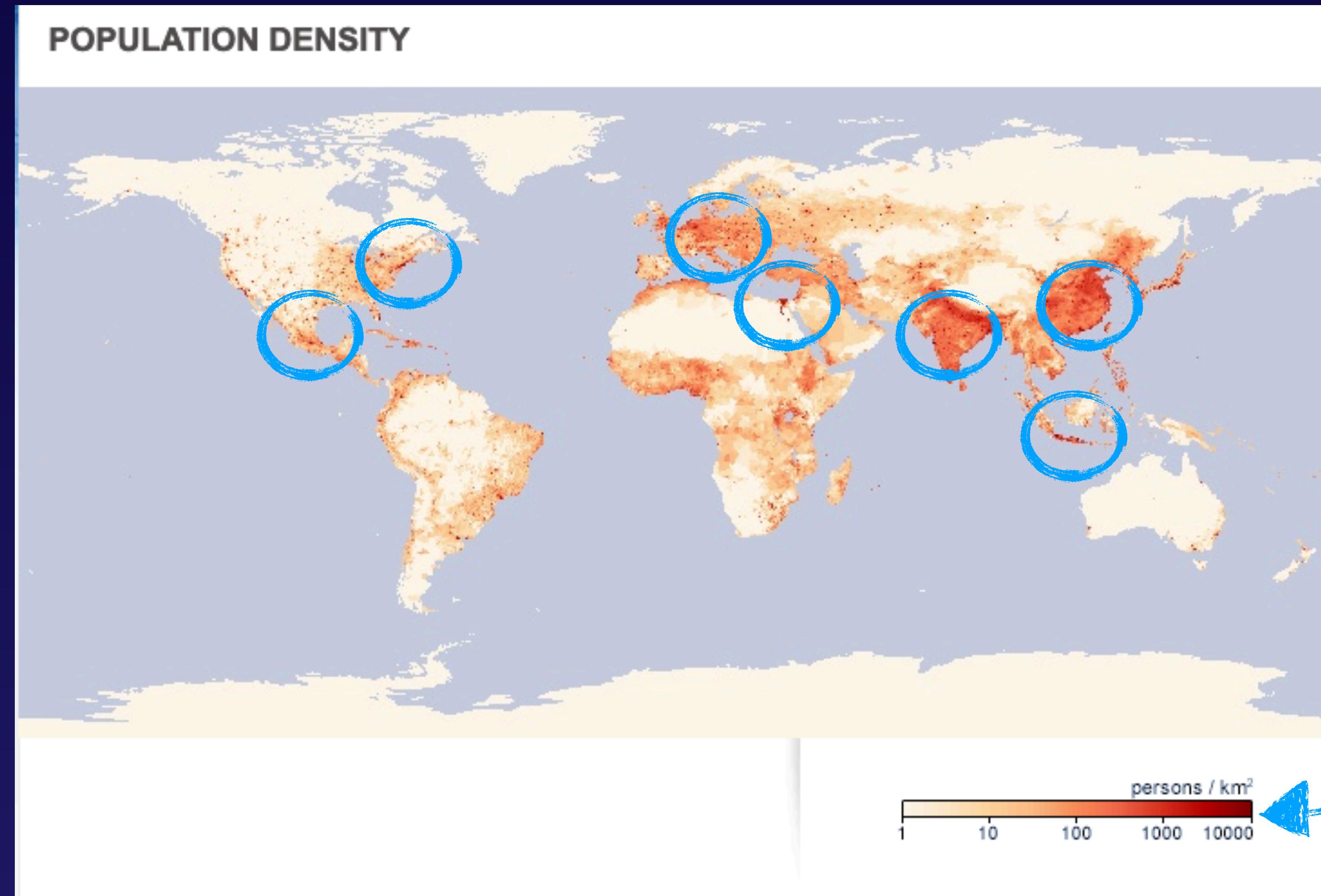
Heatmaps are graphs that represent values as color. As the values change, the color representation of the data changes too.

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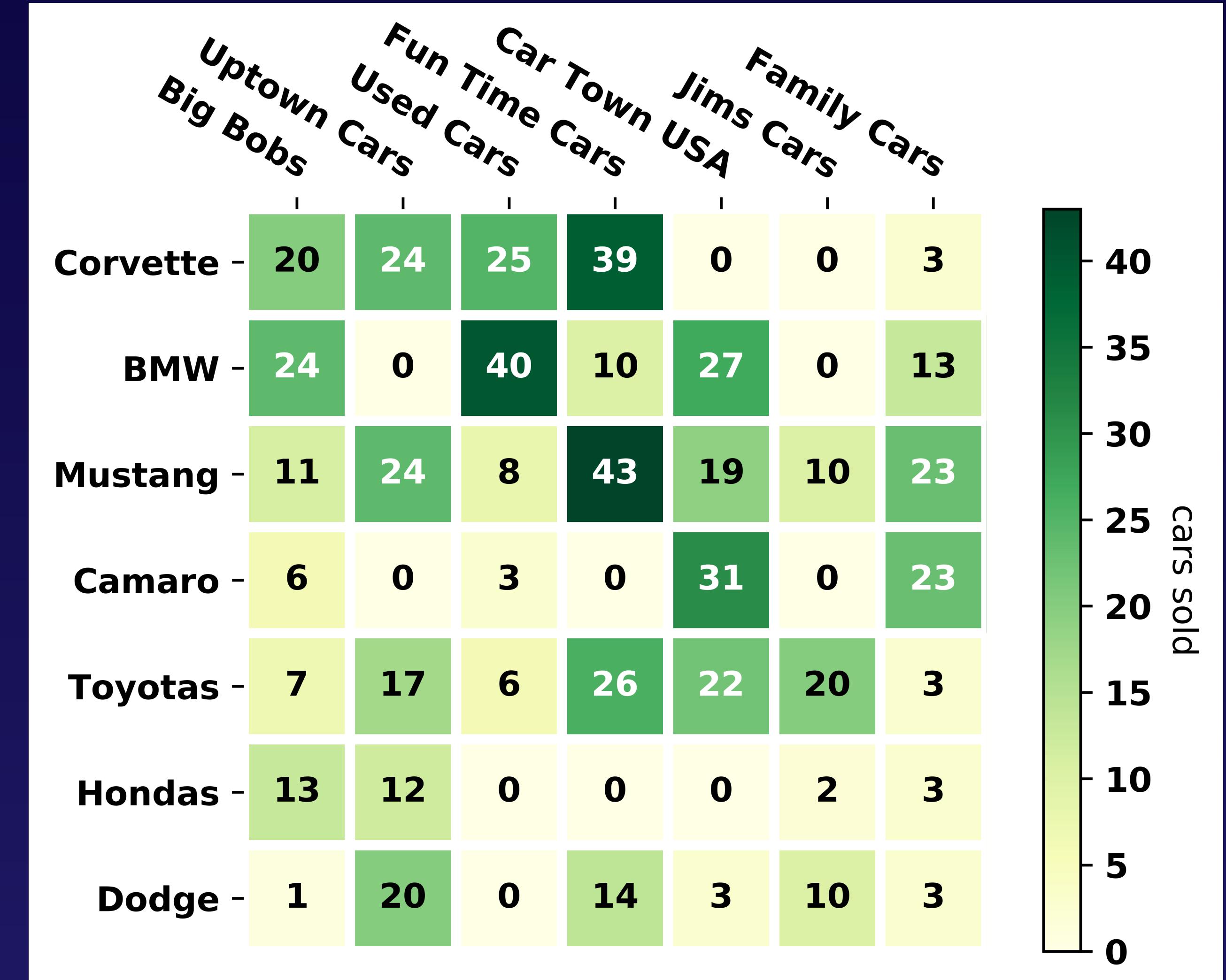
Heatmaps

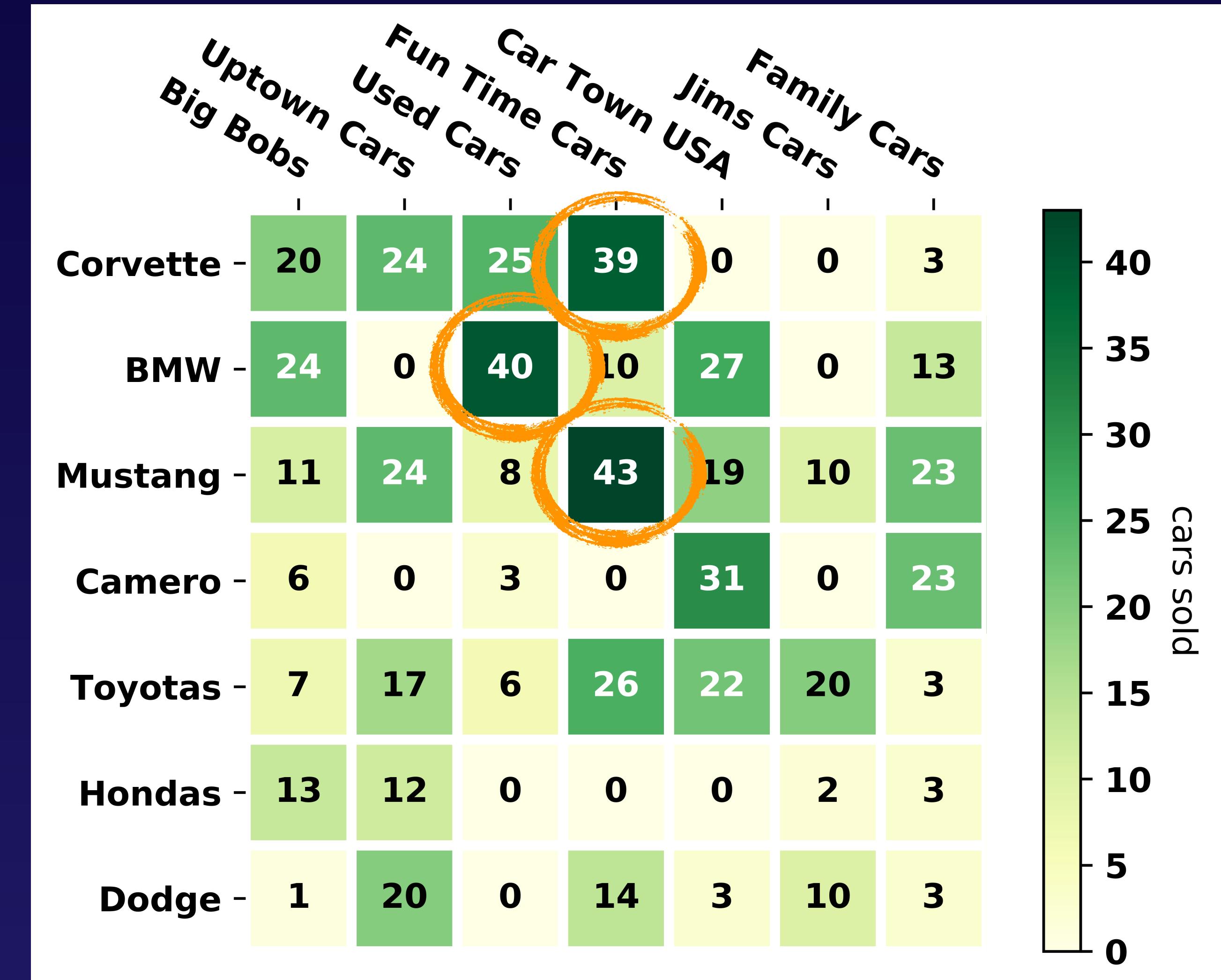


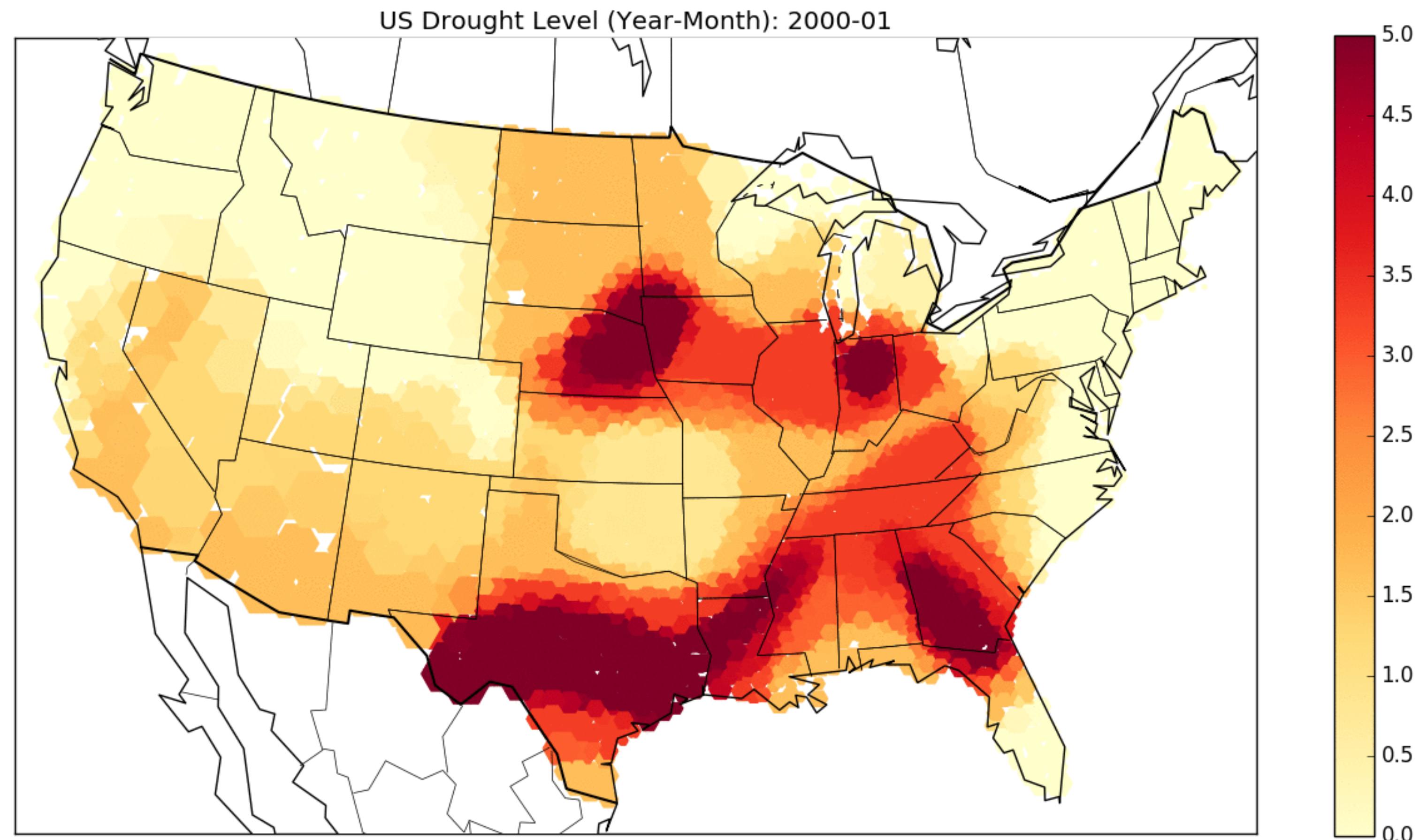
Heatmaps



Heatmaps







Seeing Your Data

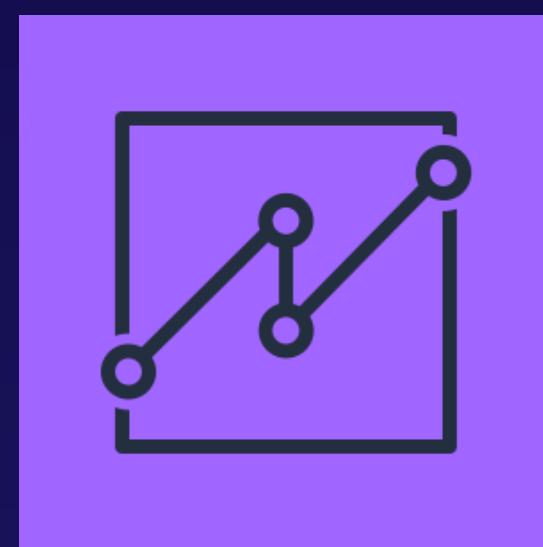
Developer Tools



SageMaker



Business Intelligence Tools (BI Tools)



Amazon QuickSight