A CLOUD GURU

Data Analysis and Visualization Exam Tips

Brock Tubre
INSTRUCTOR

Data Analysis and Visualization

- Know what data analysis and visualization is and why it is important.
- Understand what Amazon QuickSight is and how it can be used.
- Be able to recognize different types of visualizations and what each visualization represents.
  - Relationships
  - Comparisons
  - Distribution
  - Composition
- Know what heatmaps are and what they can represent.

DATA ANALYSIS AND VISUALIZATION EXAM TIPS

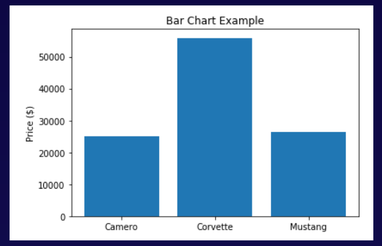
Data Analysis and Visualization

A CLOUD GURU

What do we want to show?

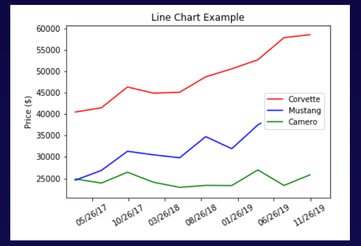
Comparison

Bar Chart



Value look ups

Line Chart



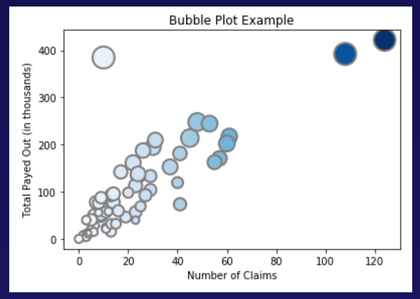
Change over time

Relationship

Scatter Plot

2 variables

Bubble Chart

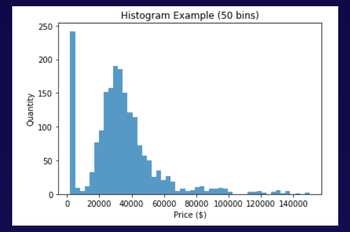


3 variables

Distribution

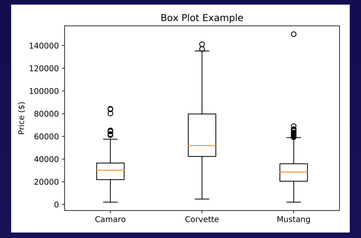
Single distribution

Histogram

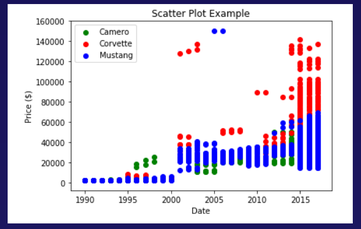


Multi distribution

Box Plots



Scatter Plots

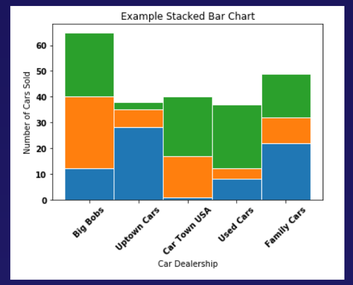


Multi distribution

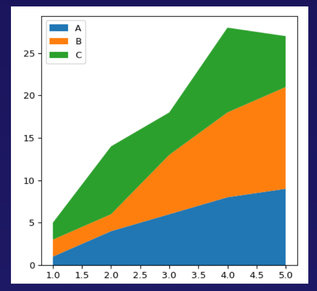
Composition

Changing over time

Stacked Bar Chart

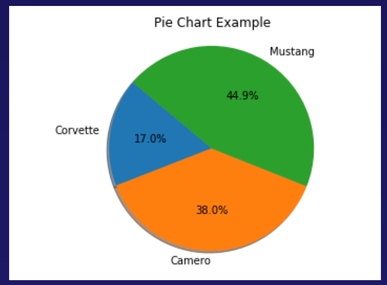


Stacked Area Chart



Static

Pie Chart



Data Analysis and Visualization

Developer Tools

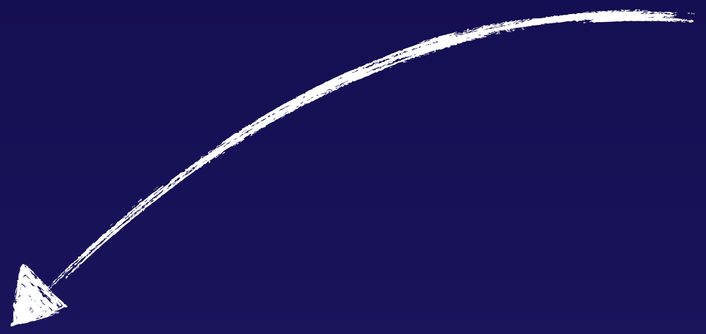
SageMaker

Business Intelligence Tools (BI Tools)

Tableau

Amazon QuickSight

Data Analysis and Visualization



Be sure to read/watch
the additional resources

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