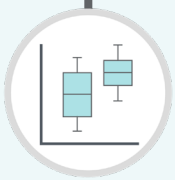
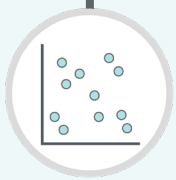
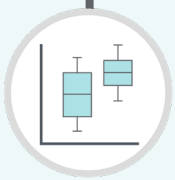
TOOL

Selecting Summarization and Visualization Techniques

Question

Univariate		Bivariate			Multivariate		
Categorical	Numerical	Categorical Categorical	Categorical Numerical	Numerical Numerical	Categorical Categorical Categorical	Categorical Numerical Categorical	Numerical Numerical Categorical
							
Barplot	Histogram	Stacked barplot	Side-by-side boxplot	Scatterplot	Side-by-side barplot	Side-by-side boxplot	Color-coded scatterplot
Frequency table Count Proportion	Mean Median Mode Variance Standard deviation	Contingency table Row/column counts Row/column proportions	Mean for each group Median for each group	Correlation coefficient	Count for each group Proportion for each group	Mean for each group Median for each group	Correlation coefficient for each group

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