DATA VISUALIZATION USING MINITAB

Data modeling is often the first step in **database** design and object-oriented programming as the designers first create a conceptual **model** of how **data** items relate to each other

Matrix Plot of City MPG, Hwy MPG

Bubble Plot of Combined MPG vs Retail ($1000)
Bubble size: Hwy MPG
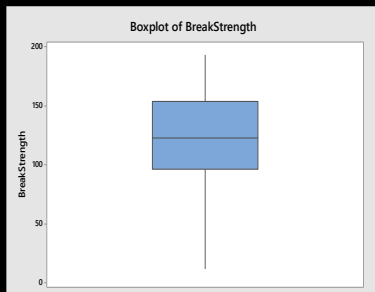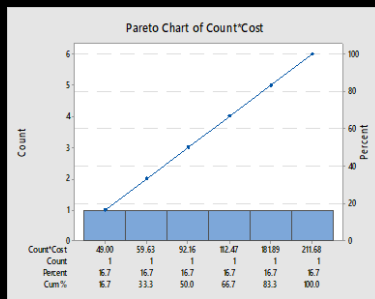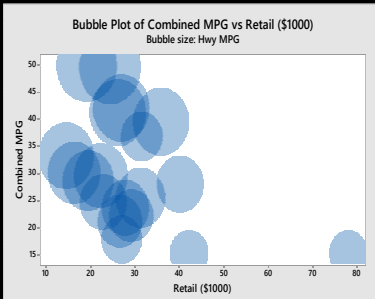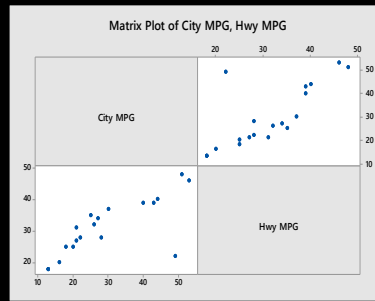

Pareto Chart of Count*Cost

Boxplot of BreakStrength

Histogram of Torque

Fitted Line Plot
Defects = 2.137 - 0.004413 Observed

Distribution Plot
Normal, Mean=0, StDev=1

Pie Chart of Count*Cost
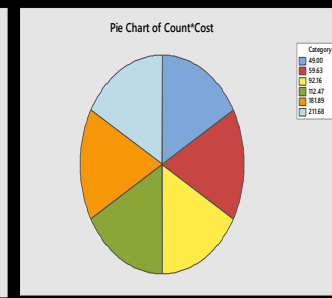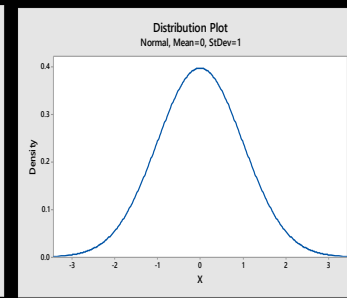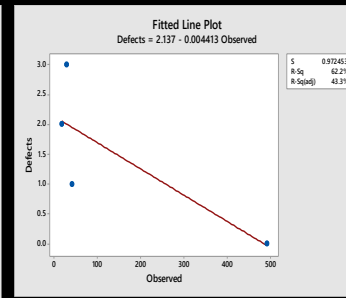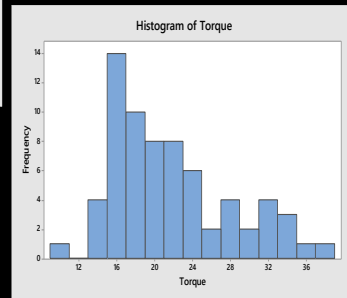
SCATTERPLOT, MATRIX PLOT, BUBBLE PLOT AUTOSPECS.MTW ***

	C1-T	C2-T	C3-T	C4	C5	C6	C7	C8	C9	C10	C11
	Vehicle	Type	Fuel	City MPG	Hwy MPG	Combined MPG	Retail ($1000)	Safety (0-5)	Interior Volume	Cargo Volume	Total Volume
1	A	SUV	Gas	49	22	36.85	31.3	4	97.3	89.7	187.0
2	B	Sedan	Gas	21	31	25.50	31.0	4	118.3	14.0	132.3
3	C	Sedan	Hybrid	40	39	39.55	35.6	5	118.3	14.0	132.3
4	D	Sedan	Gas	25	35	29.50	22.1	5	102.7	15.4	118.1
5	E	Sedan	Hybrid	43	39	41.20	26.0	5	102.7	15.4	118.1
6	F	Sedan	Gas	27	34	30.15	16.2	4	92.1	12.3	104.4
7	G	SUV	Gas	16	20	17.80	26.9	3	89.1	66.8	155.9
8	H	SUV	Gas	20	25	22.25	28.9	4	145.7	95.4	241.1
9	I	SUV	Hybrid	28	28	28.00	40.0	4	145.4	94.1	239.5

Cause-and-Effect Diagram

Probability Plot of Hours
Normal - 95% CI
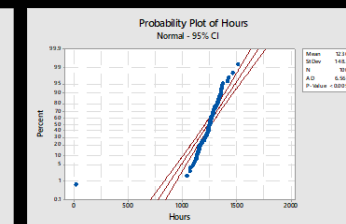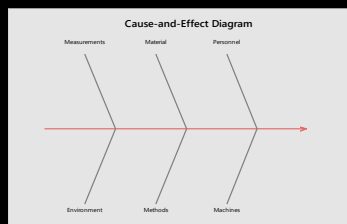
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