

DATA VISUALIZATION USING MINITAB



	Vehicle	Туре	Fuel	City MPG	Hwy MPG	Combined MPG	Retail (\$1000)	Safety (0-5)	Interior Volume	Cargo Volume	Total Volume
1	Α	SUV	Gas	17	22	19.25	31.3	4	97.3	89.7	187.0
2	В	Sedan	Gas	21	31	25.50	31.0	4	118.3	14.0	132.3
3	С	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	Н	SUV	Gas	20	25	22.25	28.9	4	145.7	95.4	241.1

Data Modeling

modeling Data the process of creating a data model for an information system by applying certain formal techniques. of variance **Analysis** (ANOVA) is a collection of statistical models their associated procedures estimation analyse used the differences among group means in a sample.

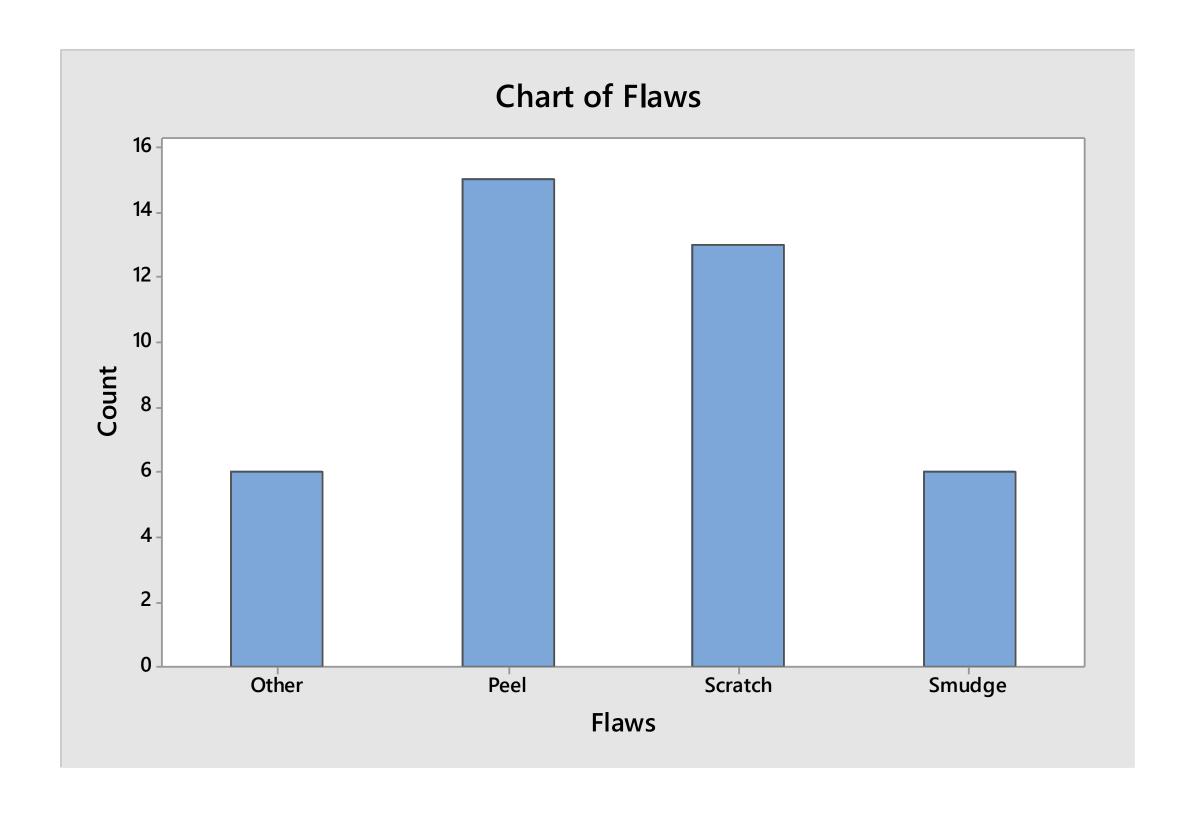
IPE-314 QUALITY MANAGEMENT SESSIONAL

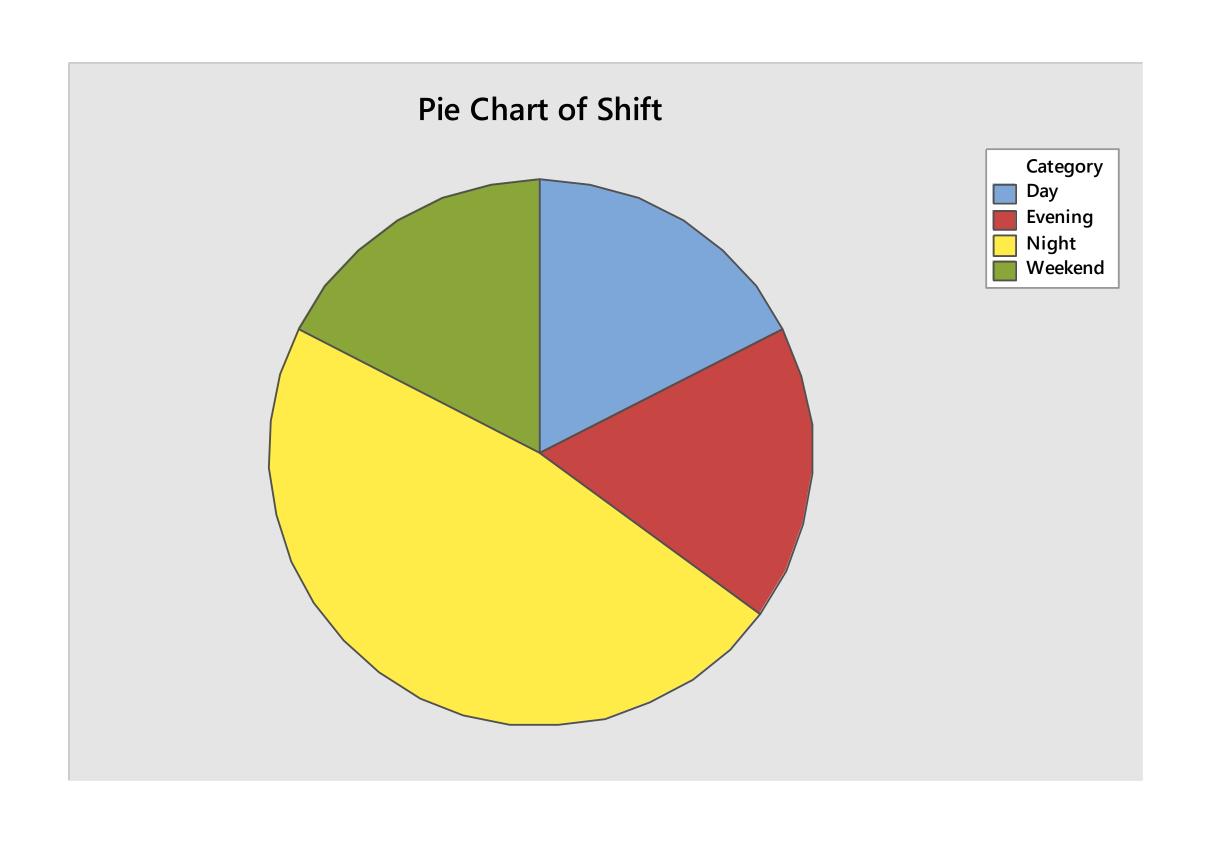
Submitted To AP Tanmoy Das

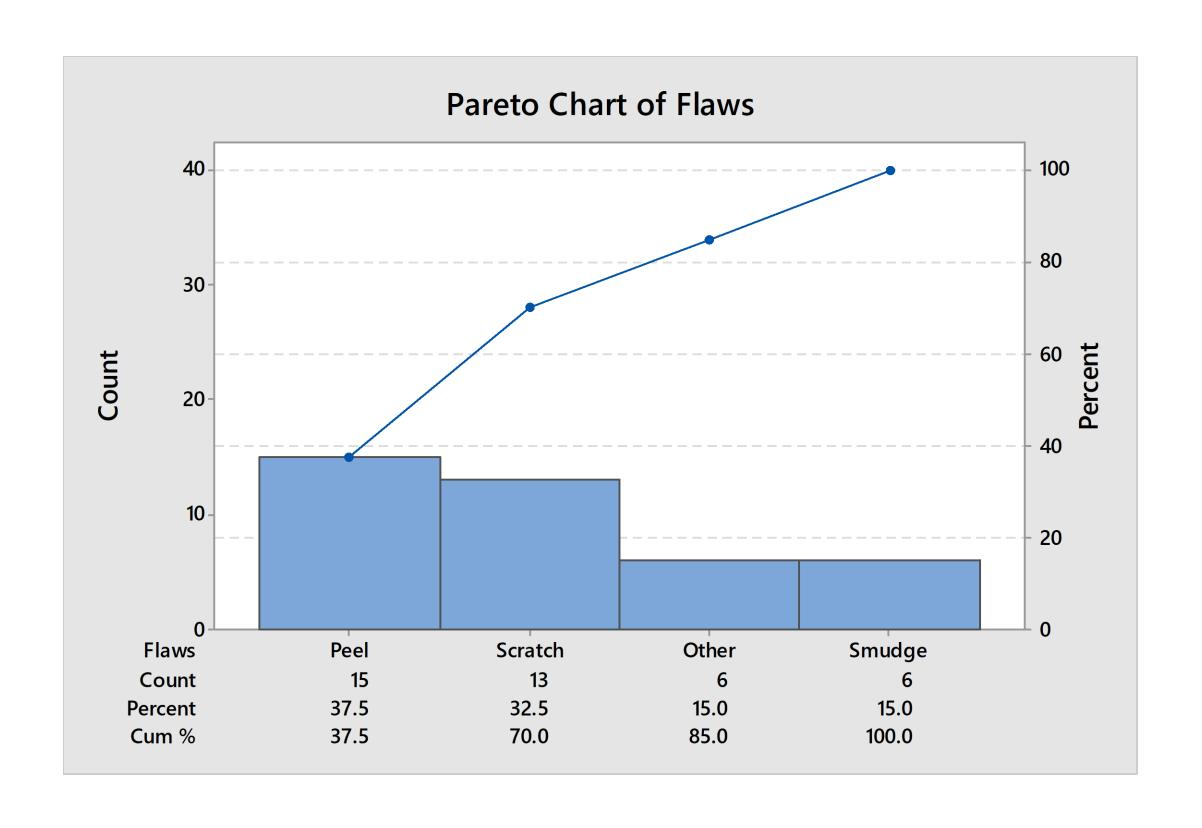
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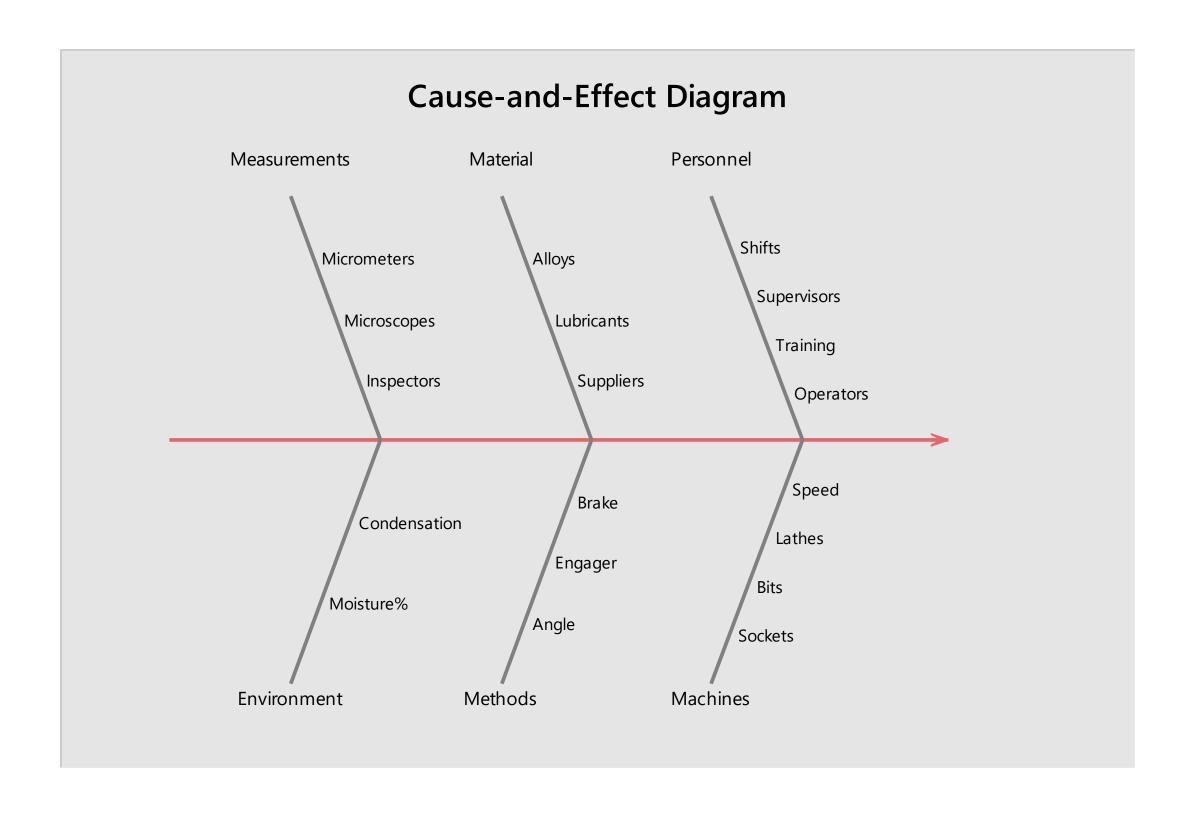
Name: Mohammad Mostofa Monsur Roll: 201636054

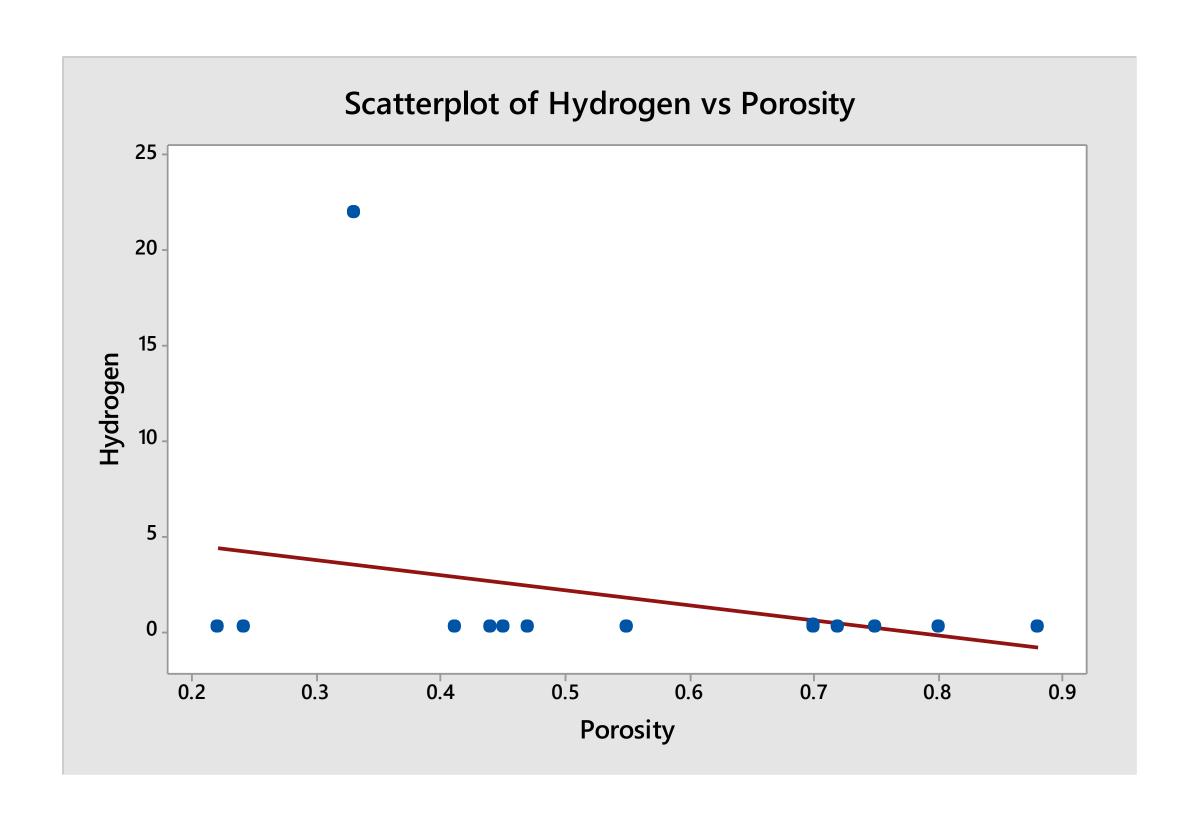


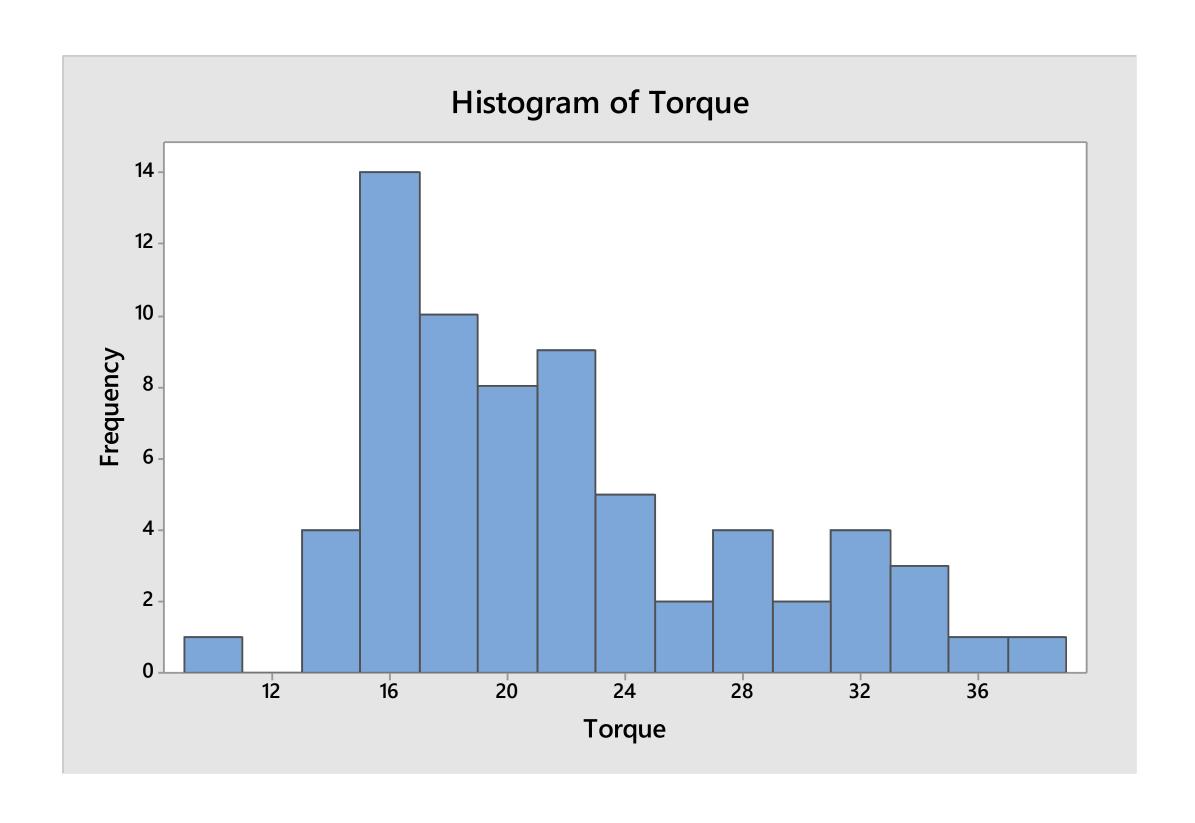


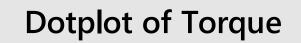


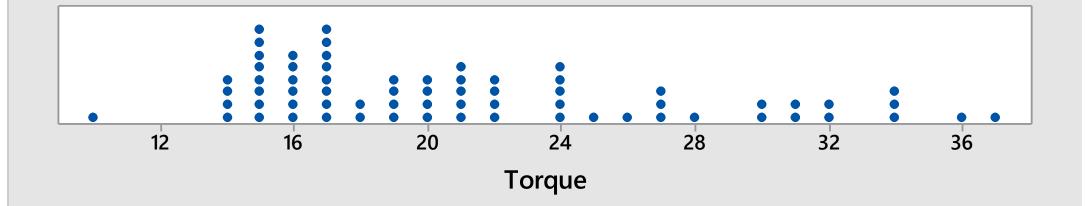


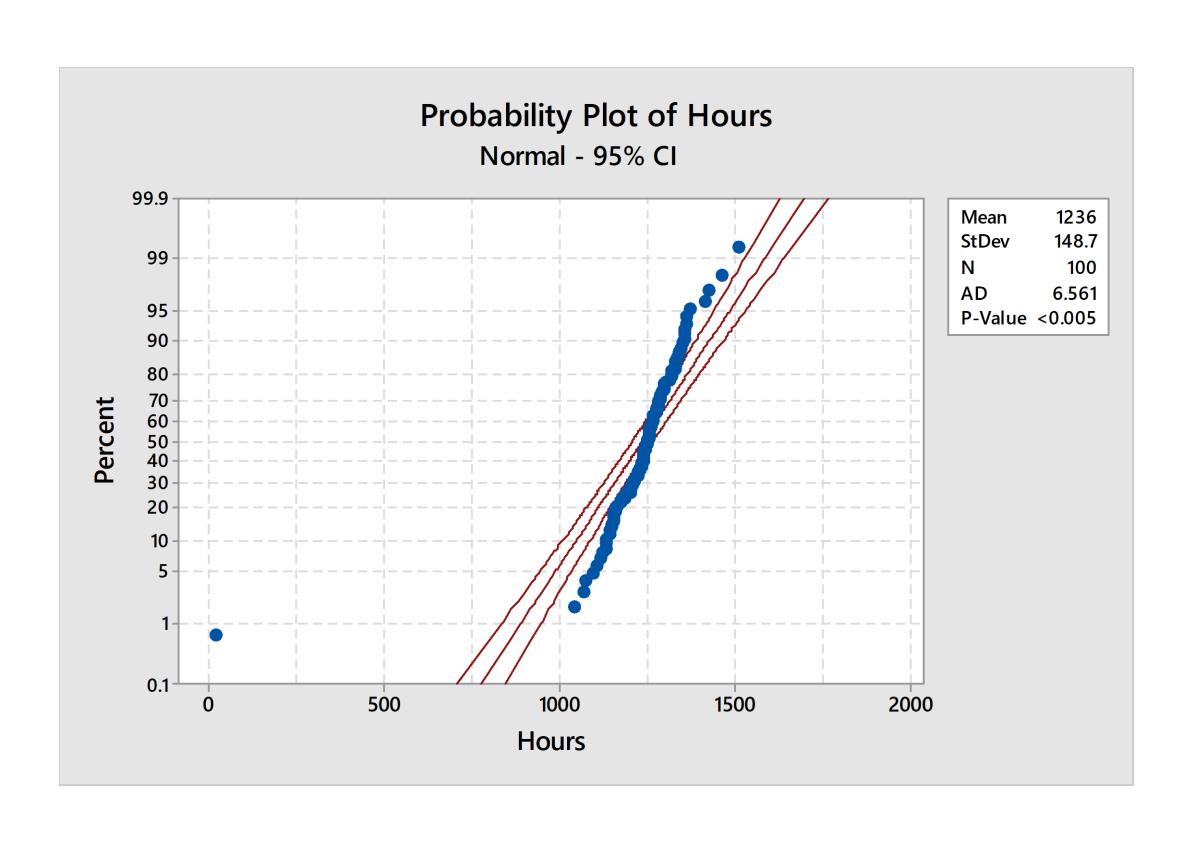


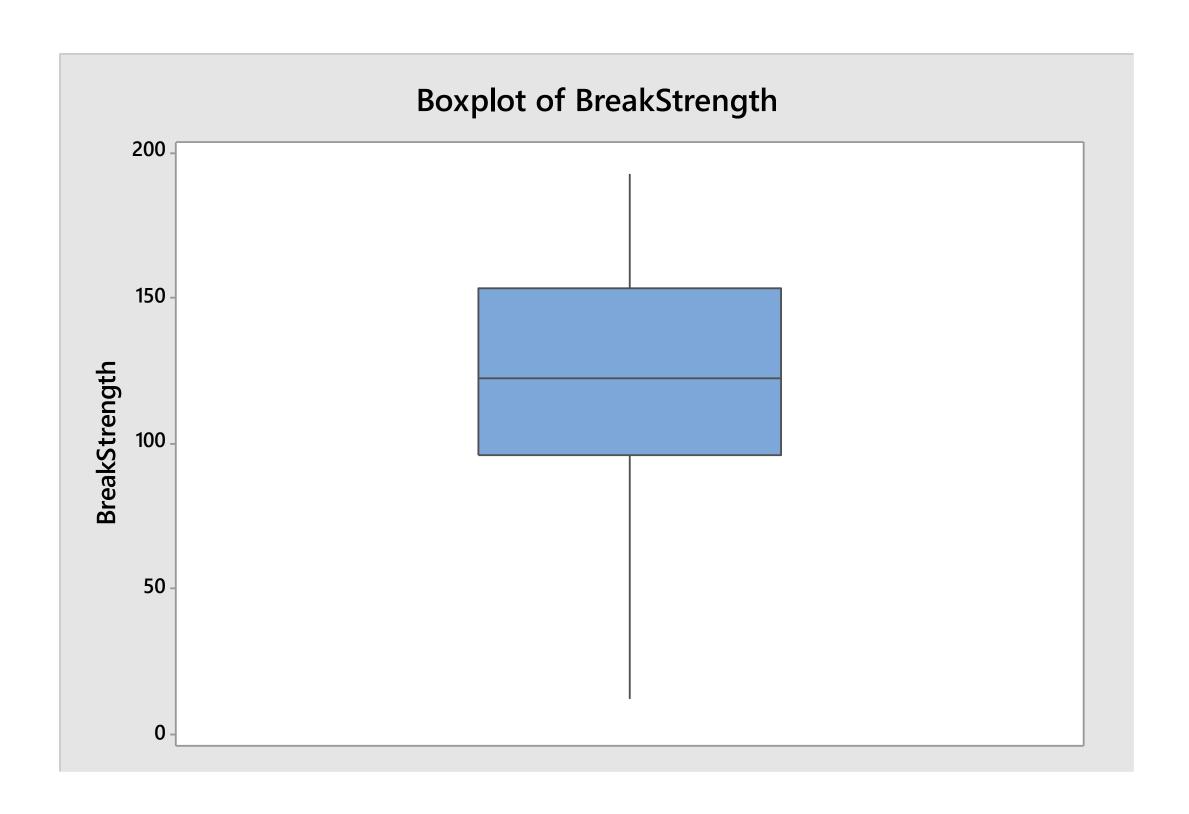


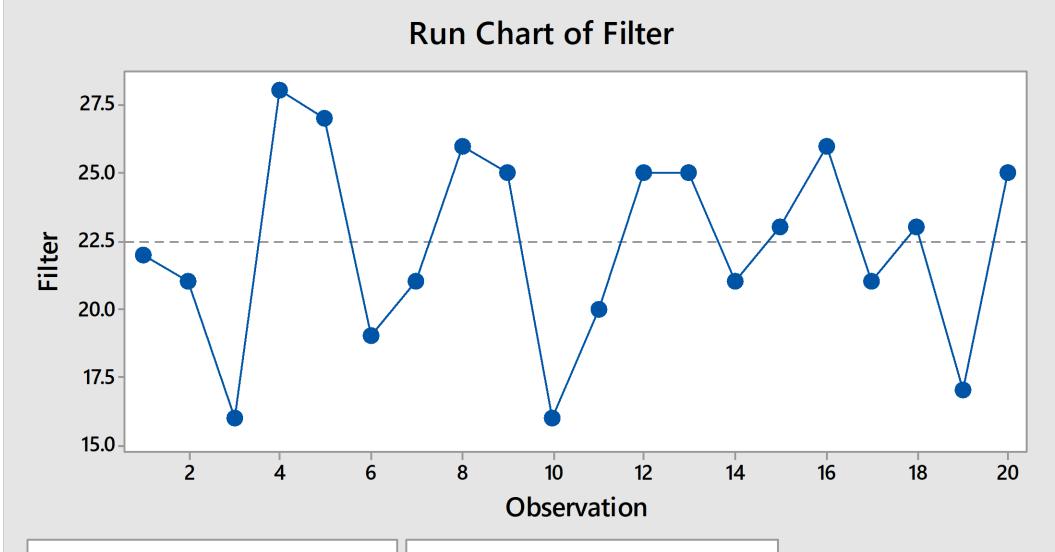












Number of runs about median: 12
Expected number of runs: 11.0
Longest run about median: 3
Approx P-Value for Clustering: 0.677
Approx P-Value for Mixtures: 0.323

Number of runs up or down: 12
Expected number of runs: 13.0
Longest run up or down: 2
Approx P-Value for Trends: 0.289
Approx P-Value for Oscillation: 0.711