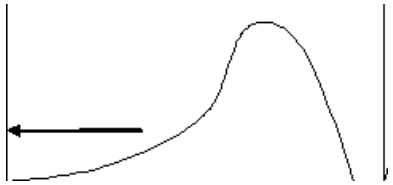
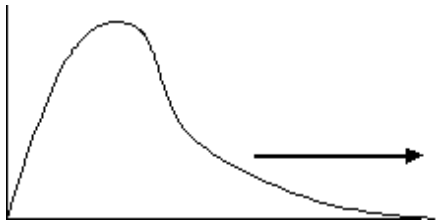
Data Analysis 1.1	Data Analysis 1.1	Data Analysis 1.2	Data Analysis 1.2
Outlier Formulas	$Q_1 - 1.5(IQR)$ $Q_3 + 1.5(IQR)$	5 # Summary	Min,Q1,Med,Q3,Max
Data Analysis 1.3	**Data Analysis 1.3**	**Data Analysis 1.4**	**Data Analysis 1.4**
What is the acronym for Describing a Distribution?	CUSS	What do the letters in CUSS mean?	C: center U: unusual features S: shape S: spread
Data Analysis 1.5	**Data Analysis 1.5**	**Data Analysis 1.6**	**Data Analysis 1.6**
Skewed Left		Skewed Right	
Data Analysis 1.7	**Data Analysis 1.7**	**Data Analysis 1.8**	**Data Analysis 1.8**
What is the relationship between the mean and median?	The mean will be closer to the skewed side.	IQR Interquartile Range	IQR = Q3 - Q1

Data Analysis 1.9	Data Analysis 1.9	Data Analysis 1.10	Data Analysis 1.10
What statistics are resistant to outliers?	Median and IQR	What statistics are non-resistant to outliers?	Mean, Standard Deviation, Variance, Range
Data Analysis 1.11	**Data Analysis 1.11**	**Data Analysis 1.12**	**Data Analysis 1.12**
Variance is equal to the…..	Standard Deviation Squared	What is standard deviation?	The average distance a set of numbers are from the mean.
Data Analysis 1.13	**Data Analysis 1.13**	**Data Analysis 1.14**	**Data Analysis 1.14**
Which types of graphs display outliers well?	Boxplot, Stemplot	Which type of graph displays shape well?	Histogram
Data Analysis 1.15	**Data Analysis 1.15**	**Data Analysis 1.16**	**Data Analysis 1.16**
What is meant by low or high variability?	Spread, Range, Standard Deviation. High variability is data that is very spread out. Low variability is data that is close together.	What are some ways to display univariate data?	Boxplot,Histogram, Dotplot, Stemplot