Cheatography

Step 3 Cheat Sheet by Robyn.jll via cheatography.com/146401/cs/31683/

Inspect your data			Calculate measure		
Frequency distri- bution	tables, bar charts, scatter plot		(cont) Mean: t	he sum (
normal distri- bution	means that your data are symmetrically distributed around a center where most values lie, with the values tapering off at the tail ends.		mean, sir values ar total num total num observati		
skewed distri- bution	is asymmetric and has more values on one end than the		Calculate	measure	
	other. The shape of the distri- bution is important to keep in mind because only some descriptive statistics should be used with skewed distribut- ions.		tell you how s set are. Four are often repo		
			Range:	the hi lowes find th	
Outliers	are extreme values that differ from most other data points in			the lo	
	a dataset. They can have a big impact on your statistical analyses and skew the results		Interq- uartile range:	the ra the da	
	of any hypothesis tests.	, 1	Standard deviation:	the avera	
Calculate measures of central tendency				the m deviat amou	
describe where most of the values in a data set lie.					
Mode:	the most popular response or value in the data set. To find the mode, order your data set from lowest to highest and find the response that occurs most		datası avera lies fro the sta more		
Madian	frequently		Variance:	the so deviat	
Median:	the value in the exact middle of the data set when ordered from low to high. To find the median, order each response value from the smallest to the biggest. Then, the median is the number in the middle. If there are two numbers in the middle, find their mean.			the av deviat Variat sprea more larger to the	

By Robyn.jll

cheatography.com/robyn-jll/

COIL	
Vlean:	the sum of all values divided by
	the number of values. To find the
	mean, simply add up all response
	values and divide the sum by the
	total number of responses. The
	total number of responses or
	observations is called N.

s of variability

d out the values in a data measures of variability

Range:	the highest value minus the lowest value of the data set. To find the range, simply subtract the lowest value from the highest value.
Interq- uartile range:	the range of the middle half of the data set.
Standard deviation:	the average distance between each value in your data set and the mean. The standard deviation (s) is the average amount of variability in your dataset. It tells you, on average, how far each score lies from the mean. The larger the standard deviation, the more variable the data set is.
Variance:	the square of the standard deviation. The variance (s2)is the average of squared deviations from the mean. Variance reflects the degree of spread in the data set. The more spread the data, the larger the variance is in relation to the mean.

Not published yet. Last updated 14th April, 2022. Page 1 of 1.

Sponsored by Readable.com Measure your website readability! https://readable.com