

GLOSSARY

Excel Statistics Essential Training: 1 - 2019 Revision

With Joseph Schmuller

Use these terms and definitions below to understand concepts taught in the course.

Transcript Search: note that you can search for terms directly within the course. To search video text, switch to the *Transcripts* tab, then press Cmd/Ctrl + F on your keyboard to run a search within the active transcript.

Term	Definition
Central Limit Theorem	Theorem that states, if you have a population with mean, standard deviation, and large random samples from the population with replacement, then the distribution of the sample means will be approximately normally distributed
confidence intervals (CI)	Type of estimation that is computed from the statistics of the observed data; this proposes a range of plausible values for an unknown parameter
frequency polygon	A graph constructed by using lines to join the midpoints of each interval, or bin
normal distribution	Type of continuous probability distribution for a real-valued random variable
null hypothesis	A hypothesis that has no statistical significance between two variables
z-score	In statistics, a numerical measurement of a value's relationship to the mean (average) of a group of values, measured in terms of standard deviations from the mean