

Learning Excel: Data Analysis

With Curt Frye

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 Transcript tab, then press Cmd/Ctrl + F on your keyboard to run a search within the active transcript.

Term	Definition
Bayesian	Relating to or denoting statistical methods that use probabilities to represent uncertainty about model parameters, which are updated as new evidence is presented
covariance	A measure of the degree to which two random variables change together, indicating the direction of their linear relationship
histogram	A graphical representation of the distribution of numerical data, using bars of different heights to show the frequency of data in each range
hypothesis	A proposed explanation or assumption for a phenomenon, subject to testing and verification through experiments or observations
mean	The average value of a set of numbers, calculated by dividing the sum of all the values by the number of values
median	The middle value in a list of numbers sorted in ascending or descending order, or the average of the two middle values if the list has an even number of values
permutations	Different arrangements or ways to order a set of elements, where the order of the elements matters
variance	A statistical measurement of the spread between numbers in a dataset, indicating how much the values differ from the set's mean