

GLOSSARY

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 |
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| 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 |