

# GLOSSARY



## Statistics Foundations 1

With Eddie Davila

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
<b>binomial random variable</b>	The result of an experiment that has only two possible outcomes
<b>mean</b>	The average of a data set
<b>median</b>	The midpoint of a data set
<b>mode</b>	Data point that is most prevalent in the data set
<b>outlier</b>	Data point that is an abnormal distance from the other values in the data set
<b>permutations</b>	The number of ways in which objects can be arranged
<b>probability</b>	The likelihood that a specific event will occur
<b>range</b>	The difference between the largest and smallest numbers in a data set
<b>standard deviation</b>	Average distance from the mean
<b>Z-score</b>	The number of standard deviations data points lie from the mean