GLOSSARY

Machine Learning Foundations: Statistics

With Terezija Semenski

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

Transcript Search: note that you can search for terms spoken by the instructor during the course. To search videos, switch to the Transcript tab, then search for keywords using the In this video or In this course option.

Term	Definition
correlation	The statistical relationship between two variables; correlation can be positive, negative, or neutral
correlation coefficient	A measure of the strength of the linear relationship between two variables that can range from -1 to 1
covariance	The measure of the relationship between two random variables; covariance can be positive, negative, or zero
mean	A measure of central tendency that represents the sum of a set of values divided by the number of values in the set
median	A measure of central tendency that represents the middle value of a dataset when it is ordered from least to greatest
mode	A measure of central tendency that represents the most frequently occurring value in a dataset
percentile	A measure used to indicate the relative standing or position of a particular value within a dataset
range	The difference between the maximum and the minimum values in a dataset
standard deviation	The measure that quantifies the amount of variation or dispersion in a set of values
standard error	The measure that quantifies the amount of variability associated with a sample statistic, particularly the sample mean
variance	The measure of the dispersion of a set of data points around their mean