

GLOSSARY



Python Statistics Essential Training

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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
Bayesian inference	Maintaining probability distributions for population distributions, which will represent one's quantitative belief about their value
bootstrapping	Generating a large family of samples from a single data set
categorical data	Data that is used for labels
cross-validation	Splitting data into multiple parts to train and test models created with machine learning
mean	The sum of the values of a data set, divided by the number of values
p-value	A value between 0 and 1 that indicates the likelihood of null hypothesis validity/invalidity
quantitative data	Data that is numerical
variance	The sum of the squares of the difference between each value and the mean, divided by the number of values
X% confidence interval	The X% confidence level one has that the true value of the population parameter will be contained within the range for a series of runs