Sprint 5 Statistical Concepts to be applied to Sprint 6:

Kurtosis: Skewness essentially measures the relative size of the two tails. **Kurtosis** is a **measure** of the combined sizes of the two tails. It measures the amount of probability in the tails. The value is often compared to the **kurtosis** of the normal distribution, which is equal to 3.

cross tabulation: **Cross tabulation** is a **statistical** tool that is used to analyze categorical data. Categorical data is data or variables that are separated into different categories that are mutually exclusive from one another. An **example** of categorical data is eye color.

Covariance: **Covariance** is a **measure** of how much two random variables vary together. It's similar to variance, but where variance tells you how a single variable varies, co variance tells you how two variables vary together

continuous / quantitative variable: **Quantitative variables can** be classified as discrete or **continuous**. ... **Continuous variables** are numeric **variables** that have an infinite number of values between any two values. A **continuous variable can** be numeric or date/time. For **example**, the length of a part or the date and time a payment is received.

Multivariate: **Multivariate statistics** is a subdivision of **statistics** encompassing the simultaneous observation and analysis of more than one outcome variable. The application of **multivariate statistics** is **multivariate** analysis.

Categorical variable: In **statistics**, a **categorical variable** is a **variable** that can take on one of a limited, and usually fixed, number of possible values, assigning each individual or other unit of observation to a particular group or nominal category on the basis of some qualitative property.

Variation: In **statistics**, dispersion (also called **variability**, scatter, or spread) is the extent to which a distribution is stretched or squeezed. Common examples of **measures** of **statistical** dispersion are the variance, standard deviation, and interquartile range.

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<http://livingwage.mit.edu/>

<https://www.zillow.com/research/data/>