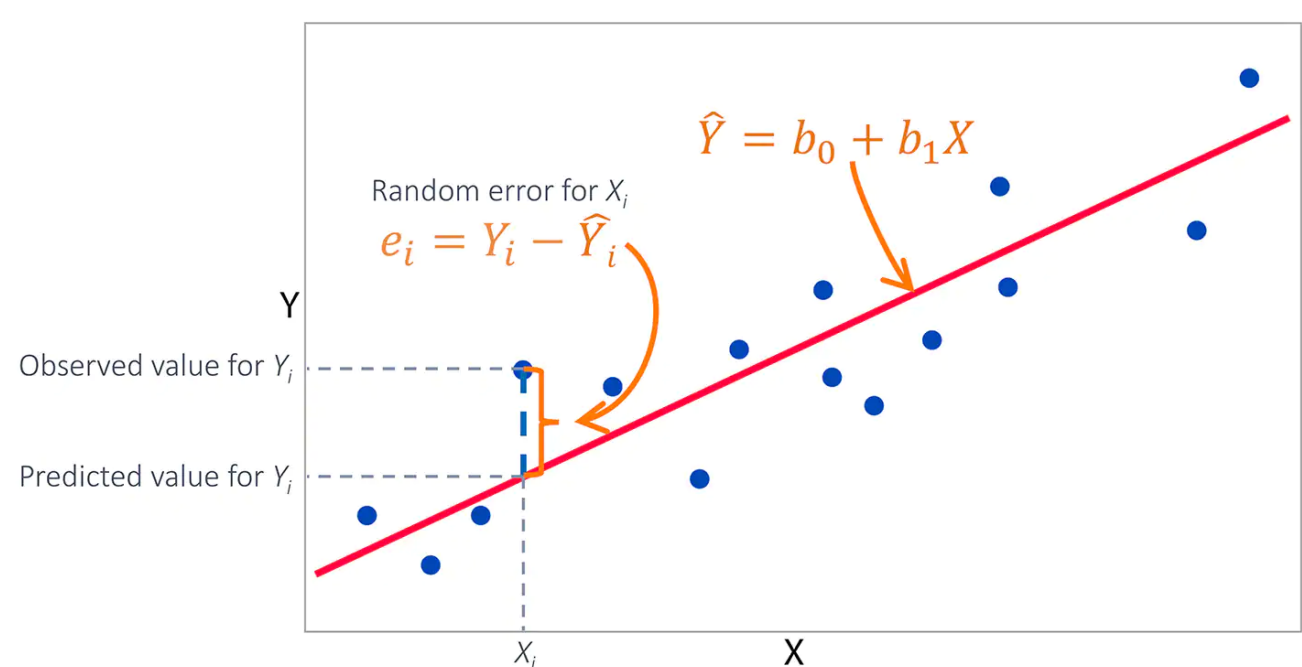
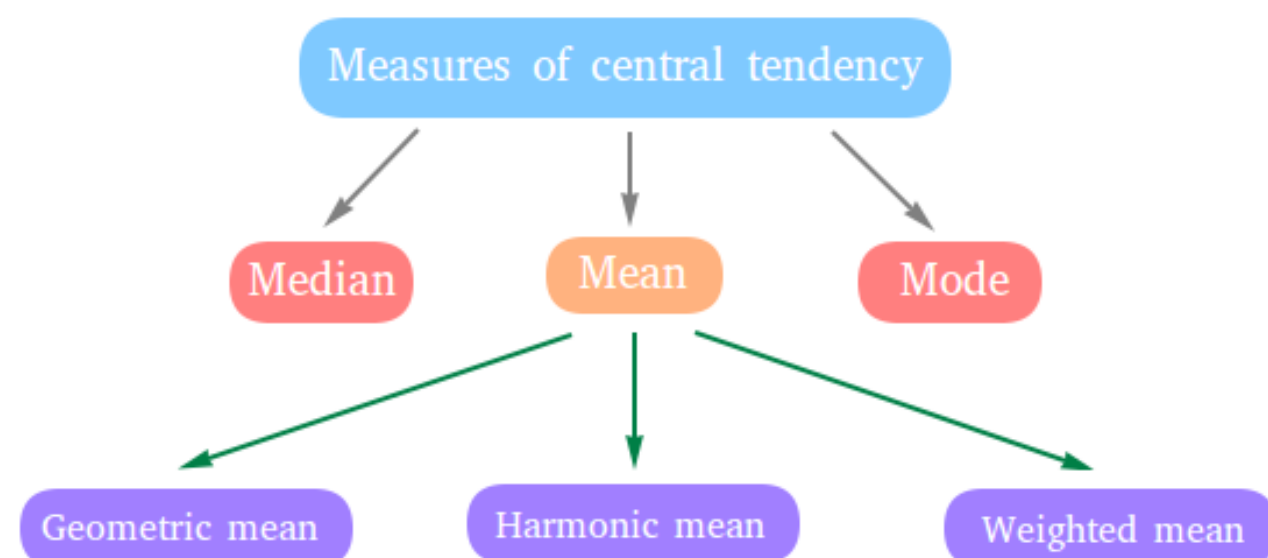




STATISTICS IS THE DISCIPLINE THAT CONCERNS THE COLLECTION, ORGANIZATION, ANALYSIS, INTERPRETATION, AND PRESENTATION OF DATA. APPLYING STATISTICS TO A SCIENTIFIC, INDUSTRIAL, OR SOCIAL PROBLEM IS CONVENTIONAL, TO BEGIN WITH, A STATISTICAL POPULATION OR A STATISTICAL MODEL TO BE STUDIED.

Central tendency

In statistics, a central tendency is a central or typical value for a probability distribution. It may also be called a center or location of the distribution. Colloquially, measures of central tendency are often called averages. The term central tendency dates from the late 1920s.

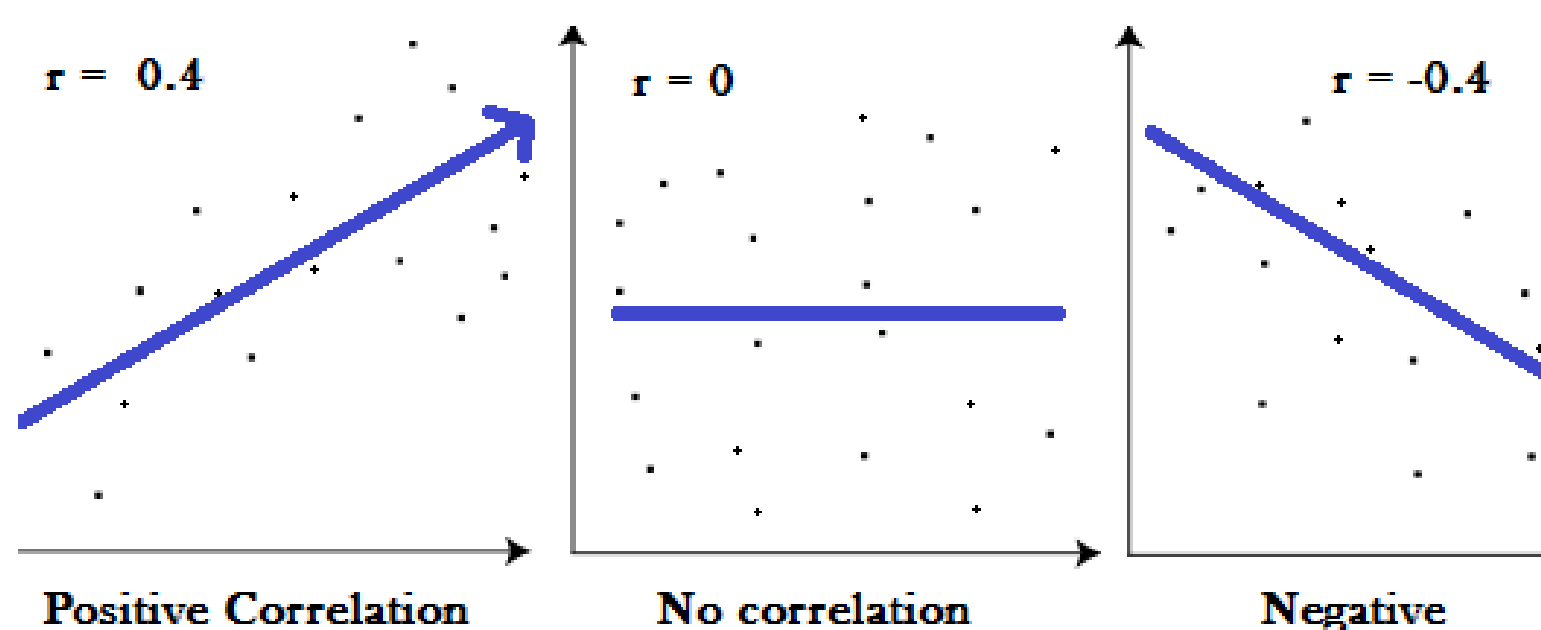


Least Square Method

The least-square method is the process of finding the best-fitting curve or line of best fit for a set of data points by reducing the sum of the squares of the offsets of the points from the curve.

Correlation

Correlation is a statistical measure that expresses the extent to which two variables are linearly related (meaning they change together at a constant rate). It's a common tool for describing simple relationships without making a statement about cause and effect.



Regression

Regression is a statistical method used in finance, investing, and other disciplines that attempts to determine the strength and character of the relationship between one dependent variable (usually denoted by Y) and a series of other variables (known as independent variables)

