Glossary

1. Data

The word data is the plural of datum, which means "to give", hence "something given.

2. Delta

In statistics delta is used to identify the difference. Delta is a Greek alphabet and is denoted as Δ or $\delta.$

3. Determinant

The determinant is a value associated with a square matrix. It can be computed from the entries of the matrix by a specific arithmetic expression.

4. Deviation

Deviation is the difference between the value of an observation and the mean of the population in mathematics and statistics.

5. Estimates

An estimate is an indication of the value of an unknown quantity based on observed data.

6. Equations

An equation is a mathematical statement that asserts the equality of two expressions.

7. Least Square

"Least squares" means that the overall solution minimizes the sum of the squares of the errors made in the results of every single equation.

8. Maxima

Maxima are the greatest possible quantity or degree. It is a plural of maximum.

9. Minima

Minima are the least possible quantity or degree. It is a plural of minimum.

10. Normal Equation

The normal equation is that which minimizes the sum of the square differences between the left and right sides. This is also known as Least Squares Equation.

11. Parabola

Parabola is a conic section, created from the intersection of a right circular conical surface and a plane parallel to a generating straight line of that surface

12. Parabolic Curve

The Parabolic Curve is probably one of the most highly prized and sought after pattern. This pattern can yield you the biggest and quickest return in the shortest possible time.

13. Population

A population is all the organisms that both belong to the same group or species and live in the same geographical area.

14. Substitution

Substitution means to put a person or things in place of another.

15. Summation

Summation is the operation of adding a sequence of numbers; the result is their sum or total. Summation is denoted as Σ .