Glossary

1. **Arbitrary**
   Based on random choice or personal whim, rather than any reason or system.

2. **Asymptotic**
   Approaching a given value or condition, as a variable or an expression containing a variable approaches a limit, usually infinity.

3. **Convergence**
   It is a property or manner of approaching a limit, such as a point, line, function, or value.

4. **Constant**
   A constant is one that never changes its values.

5. **Cumulative Distribution**
   Cumulative Distribution is the data where, the frequencies are added up and the data is represented as more than table or less than table.

6. **Estimate**
   A tentative evaluation or rough calculation, as of worth, quantity, or size.

7. **Random Variable**
   A variable whose values are random but whose statistical distribution is known.

8. **Intuitive**
   Using or based on what one feels to be true even without conscious reasoning.

9. **Mean**
   A number that typifies a set of numbers, such as a geometric mean or an arithmetic mean.

10. **Modulus**
    In algebraic number theory, it is a formal product of places of a number field.

11. **Parameter**
    In Statistics, it is a quantity that is calculated from data and describes a population.

12. **Probability**
    A number expressing the likelihood that a specific event will occur expressed as the ratio of the number of actual occurrences to the number of possible occurrences.

13. **Probability Distribution**
    A function of a discrete random variable yielding the probability that the variable will have a given value.

14. **Stochastic**
    In statistics, it relates to a process involving randomly determined sequence of observations each of which is considered as a sample of one element from a probability distribution.

15. **Event**
    Something that takes place or an occurrence.