Pinky Rani

Assistant Professor (Guest Faculty)

Department of Economics

Maharaja College

Veer Kunwar Singh University, Ara

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Topic-Correlation(Introduction)

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Correlation refers to the relationship of Variables. Some relationship is found in certain type of Variables, for example, there exists a relation between Price and demand, Production and employment, rages and Price index, e.t.c.

According to N. I. King "Correlation means that between two Series or groups of data there exists some Caysatton Connections."

In statistical analysis, the concept and technically of this concept Rere first, Propounded by the French astronomer, Bravais, Propounded by the French astronomer, Bravais, investigated graphically by six Francis Gallor investigated graphically by six Francis Gallor investigated graphically by means of assessing correlation by means of coefficient of Correlation.

· Utility - Correlation has immense utility in Variante fields of knowledge. Some of the importante areas where correlation has been used successfully are—

1. In the field of genetics — Cralton and Peasson dereloped a method of assessing correlation which was used in steadying many Boblems of biology and genetics.

2. In the field of management - Basically, manage -ment is all about making decision. Correlation technique Bresent a strong tool into the hands of the manager which reduces the range of uncertainity associated with decision-making

3. In the field of economics — Correlation is very Useful in Understanding economic behaviour. It helps in locating those variables on which other variables alepend. In this way various economic events can be analysed. Moreover, it also he in identifying the stabilishing factors for a disturbed economic citation.

4. Other field of Social Sciences — Correlation helps in defermining the interrelationships helps in defermining the interrelationships between different variables and in this way is between different variables and in this way is between helpful in promoting research and is very helpful in promoting research and opening new frontiers of knowledge.

Degree of Correlation.

Degree of correlation exist between +1 to -1.

Value of Gorelation Gefficient	Degree of Gorrebling
+1	Perfect tre correlation
-1	Perfect - Ve. Gorelation
Value between 1 and 0.75	High olegree of Correlation
Value between 0.75 and 0.5	Moderate degree of Correlation
Value between 0.5 and 0	Low degree of Correlation
0 (3000)	Absence of Correlation