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Topic- Linear or Non linear Correlation

3. Ginear or Non-linear Correlation linear The distinction between linear and non-linear correlation is based upon the consistency of the ratio of change between the variables under study. If the vatio of change between two variables is uniform then there will be linear correlation between them. There relationship is best edescribed by a straight line. An arithmetic Progression is observed in the relationship, which may be Positive or Negative. If the Variables under study are graphed, the Plotted Points will form a storight line. In non-linear relationship, which Can also be said curvilinear, the amount of change in one variable does not bear a constant ratio to the amount of change in the other variables. The graph of variable having such a relationship will form a curve.

