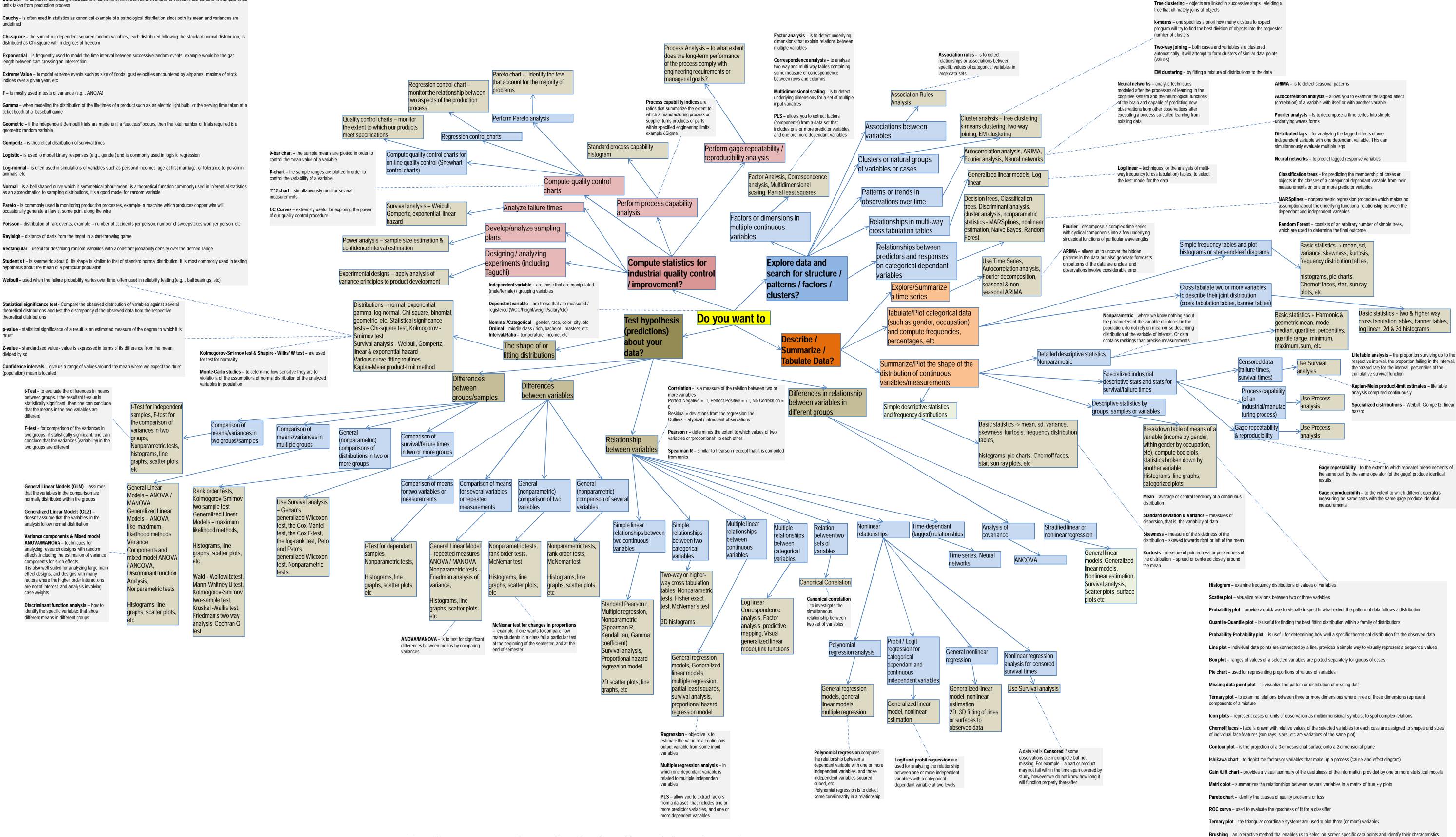
## Bernoulli - describes all situations where a "trial" is made resulting in either "success" or Tailure", such as when tossing a coin Beta - arises from a transformation of the F distribution and is typically used to model the distribution of order statistics Binomial - is useful for describing distributions of binomial events, such as the number of defective components in samples of 20 units taken from production process Cauchy - is often used in statistics as canonical example of a pathological distribution since both its mean and variances are undefined. Chi-square - the sum of a independent squared random variables each distribution is



Reference: StatSoft Online Textbook. Prepared By: Rajkumar BN (Draft version)