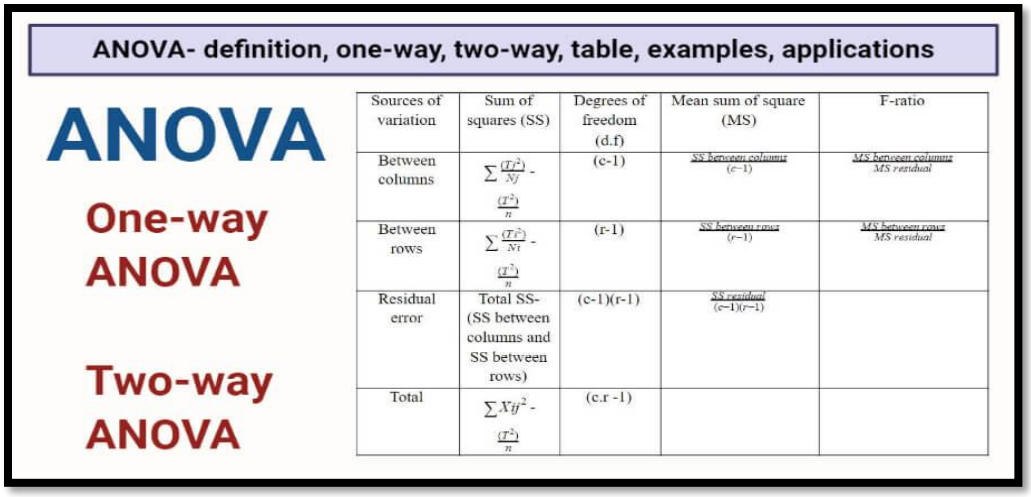

- **Assumptions of ANOVA**

  The populations which we have obtained from the samples should normally be distributed.

  The samples should be chosen independently as well randomly.

  Every group contain the common variance.

  In the large sample the Linear Model that is used in ANOVA is not influenced via the minute deviations.

- **References**

  - https://www.technologynetworks.com/informatics/articles/one-way-vs-two-way-anova-definition-differences-assumptions-and-hypotheses-306553
  - https://www.investopedia.com/terms/a/anova.asp#:~:text=Analysis%20of%20variance%2C%20or%20ANOVA,the%20dependent%20and%20independent%20variables
  - https://www-mygreatlearning-com.cdn.ampproject.org/v/s/www.mygreatlearning.com/blog/analysis-of-variance-anova/?amp_js_v=a6&amp_gsa=1&amp&usqp=mq331AQHKAFQArABIA%3D%3D#aoh=16228056279660&referrer=https%3A%2F%2Fwww.google.com&amp_tf=From%20%251%24s&ampshare=https%3A%2F%2Fwww.mygreatlearning.com%2Fblog%2Fanalysis-of-variance-anova%2F