

Anova : An anova is a way to find out if survey or experiment results are significant (reject the null hypothesis or failed to reject the alternate hypothesis).

Types : (1) one way (2) Two way
one way has one independent variable (with > 2 groups). we looked at how different levels of single factor impacted a response variable.

Two way has two independent variables (it have multiple groups).

Anova = analysis of variance and regression

co-variate - A distractor variables that is statistically controlled in Anova and Manova.

Manova The diff b/w anova and a multivariate analysis of variance