## Checklist

Understand the data	
Create a Problem Statement	
Develop Goal/Aim	
Check if the data is apt for multivariate analysis	
Prepare Data Dictionary with each column	
definitions	
Create a Project Plan using SPAP (S.M.A.R.T)	
Identify Independent/Dependent variables	
Perform Exploratory Analysis	
Raise relevant questions and check if data set is	
able to answer them	
Perform Basic Visualizations	
-Scatter Plot	
-Scatter Plot Matrix	
-Box-Plot	
-Histograms	
-Pie Chart	
-Bar Chart	
Detect outliers	
Identify distortions to correlations	
Calculate VAR & COV	
Remove Outliers	
Normality	
Transform the data if necessary	
Hypothesis Testing	
-T-test	
-Hotelling test	
-Levene Test	