CHECK IT QUESTIONS RELATED WITH EXCEL DATA FILE

1. Return to the US News dataset on Tier I National Univerities.
2. Create a scatterplot of GradRate with Accept and of GradRate with TopFresh.
3. Create a correlation matrix of GradRate, Accept, and TopFresh.
4. Test the significance of the correlations of GradRate with Accept and GradRate with TopFresh using a .05 level of significance.
5. Compute and test the partial correlation (at the .05 level of significance) of GradRate and Accept holding constant TopFresh.
6. Compute the regression equation and R2 of GradRate on Accept.
7. Compute the regression equation and R2 of GradRate on Accept and Type (you must first convert Type into a dummy variable).
8. Compute and test the Spearman’s rank order correlation between Tuition and FacResourcesRank using a .05 level of significance and a one-tail test. Note that for FacResourcesRank, the lower numbers mean greater resources.
9. Write a report (in MS Word) describing and interpreting the results of your analyses, inserting the any charts and tables where they belong. Upload your report to Canvas by clicking on the title of this assignment above.