MGT 9050
PROJECT 8

SINGLE CATEGORICAL PREDICTOR

1. Run an analysis of variance (ANOVA) in which *PerfScoreID* is the DV and *RaceDesc* is the IV. Provide a summary of this analysis like what you would find in a journal article. Be sure to provide a table of results AND a written summary of the results in your response.

Dummy code the *RaceDesc* variable so that "White" is the reference group.

2. Run a regression analysis in which you predict *PerfScoreID* from the dummy coded *RaceDesc* variable. Provide a summary of this analysis like what you would find in a journal article. Be sure to provide a table of results AND a written summary of the results in your response.

3. Compare the results from the ANOVA and regression analyses. What are the similarities and differences. Do you draw the same conclusions from these analyses? Why or why not?

For the *RecruitmentSource* variable in subsequent analyses, you should only use cases for sources that have at least 10 observations.

4. Run an analysis of variance (ANOVA) in which *PerfScoreID* is the DV and *RecruitmentSource* is the IV. Provide a summary of this analysis like what you would find in a journal article. Be sure to provide a table of results AND a written summary of the results in your response.

Dummy code the *RecruitmentSource* variable so that "LinkedIn" is the reference group.

5. Run a regression analysis in which you predict *PerfScoreID* from the dummy coded *RecruitmentSource* variable. Provide a summary of this analysis like what you would find in a journal article. Be sure to provide a table of results AND a written summary of the results in your response.

6. Compare the results from the ANOVA and regression analyses. What are the similarities and differences. Do you draw the same conclusions from these analyses? Why or why not?