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| **Category** | **Excellent (10)** | **Good (8)** | **Fair (6)** | **Inadequate (4)** |
| **Use of software tool (10%)****Use Excel to calculate values, sort results** | Evidence shows mastery of the software with all appropriate features used. **All Fields used in decision used Excel formulas to do calculations and formula use was appropriate.** | Most appropriate features of the software have been employed. Most **Fields used in decision used Excel formulas to do calculations and formula use was appropriate.** | Use of the software tool is rudimentary. **A few Fields used in decision used Excel formulas to do calculations and formula use was inappropriate.** | Capabilities of the software have not been adequately utilized. **Formulas not used for calculations and/or used incorrectly** |
| **Data Display (10%)****Use Excel graphs and charts to present findings** | Includes appropriate, well-labeled, accurate displays (graphs and/or tables) of the data. | Includes appropriate, accurate displays of the data. | Includes appropriate but not accurate displays of the data. | Does not include appropriate displays of the data. |
| **Category** | **Excellent (20)** | **Good (16)** | **Fair (12)** | **Inadequate (8)** |
| **Analysis Procedure (20%)** | Analysis of the data is accurate, thorough, and appropriate. | Analysis of the data is appropriate, mostly accurate, and fairly thorough. | Analysis of the data is appropriate, but only somewhat accurate and thorough. | Analysis of the data is not appropriate or is missing. |
| **Data Analysis** **Conclusion (20%)** | Conclusion includes a clear answer to the statistical question that is consistent with the data analysis and the method of data collection. | Conclusion includes an answer to the statistical question that is consistent with the data analysis but not with the data collection method. | Conclusion does not include an answer to the statistical question that is consistent with the data analysis. | No conclusion is presented. |
| **Recommended Actions (20%)** | Recommendations are consistent with the chapter material and are backed up by the analysis results. | Some chapter topics are related in the recommendations with some support from the analysis. | The recommendations have little connection to the chapter topic and have little support from the analysis. | Recommendations are unrelated to chapter topics or has minimal relation to the analysis. |
| **Decision Approach (20%)****Approach must be described and explained in writing in a Word Doc or in the Excel Spreasheet.** | Gives a good overall picture of the decision process taken —logical, well thought out, steps taken were focused and made sense.  | Gives a good overall picture of the decision process taken —logical, well thought out, steps taken were focused and made sense, but was weak in one of these areas. | Overall picture of the decision process was presented but contained gaps in demonstrating or explaining. | No evidence of a decision process was presented |

The rubric is designed to yield a total score of 100 for a perfect assignment.