Introduction to Computer Applications

Data Analysis Rubric

Criteria	4	3	2	1	Score
Survey	The survey contained at least eight questions asking all of the required elements. All of the questions required a numeric answer.	The survey contained at least eight questions asking most of the required elements. All of the questions required a numeric answer.	The survey contained at least eight questions but did not cover all of the required elements.	The survey contained fewer than eight questions and did not contain the required elements.	__/4
Database	The database table was created and formatted correctly. All of the questions were represented as fields, and the fields were properly labeled.	The database table was created and formatted correctly. All of the questions were represented as fields.	There are errors in the creation of the database. The field names may not accurately represent the questions.	The data was not formatted as a database table.	__/4
Scatter Plot and Trend Line	The graph was created correctly. The right graph was selected, and all of the data points were displayed. A trend line was correctly inserted.	The graph was created correctly and placed in the specified location. The right type of data was chosen.	The graph was created correctly. There are errors in the location of the graph, the type of data selected, and/or the trend line of the graph.	The scatter plot was absent or was not created correctly.	__/4
Survey Sample Description	The survey sample description is accurate and highlights the most important characteristics of the sample. It also covers all of the questions asked.	The survey sample description is accurate and covers all of the questions asked.	The survey sample description contains inaccuracies and/or does not address all of the questions.	The survey sample description is inaccurate and/or incomplete.	__/4
Analysis	The analysis of the scatter plot is correct and displays a thorough understanding of correlation.	The analysis of the scatter plot is correct and displays a basic understanding of correlation.	The analysis of the scatter plot is partially incorrect or does not display a basic understanding of correlation.	The analysis of the scatter plot is incorrect and does not display a basic understanding of correlation.	__/4
Total					___/20