Database Project Livetext Rubric

**Description**

Students will develop a data set upon which a statistical analysis will be developed, presented and interpreted. The statistical analysis and appropriate tables and graphs will illustrate the data set and conclusions using both descriptive and inferential statistics in the analysis. The report will include: (a) a title (descriptive of the study, (b) an introduction to the problem, (c) a description of the data set, population, and sample (d) tables and graphs depicting data and findings, (e) descriptive and inferential statistics for the variables found in the data set, and (f) a discussion and interpretation of the findings plus PASW output, and all other methods will be presented in a written account.

**Standards**

FL-FAU-FEAP.12.1

Uses instructional and other electronic tools to gather information.

**STA 6113 Database Research Projects Rubric**

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|  | **Exceeds Expectations (3 pts)** | **Meets Expectations (2 pts)** | **Does Not Meet Expectations (1 pt)** | **No Attempt** |
| **Research Question or Problem** | Research question includes variables in independent and dependent positions. | Research question is written properly inclusive of reference to variables. | Improperly written research question and no variable names. | Failed to submit or failed to submit on time |
| **Variable Definitions & Subjects** | Sampling algorithm is explicated and variable independent and dependent status is clarified | Variables are properly operationally defined and the population and sample are specified. | Variables are missing or are incorrectly identified or defined. | Failed to submit or failed to submit on time |
| **Terms & Hypotheses** | Directional nature of working hypothesis is indicated and explained. | Null, alternative, and working hypotheses, are all present. | Terms are missing or misidentified. | Failed to submit or failed to submit on time |
| **Data Set** | Statistical results are interpreted in terms of the data set, scores, population and sample. | Data are entered so as to produce the required statistical results per the assignment. | Data are missing or entered randomly- not in accordance with specifics of assignment. | Failed to submit or failed to submit on time |
| **Statistical Results** | Results are interpreted in the context of the subjects being measured | Results are correctly interpreted and explained. | Statistical findings are misinterpreted. | Failed to submit or failed to submit on time |
| **Technology FL-FAU-FEAP.12.1** | The candidate demonstrates an exceptional use of appropriate instructional and electronic tools including using SPSS in the development of the database research project. | The candidate demonstrates the use of appropriate instructional and electronic tools including using SPSS in the development of the database research project. | The candidate fails to demonstrate the use of appropriate instructional and electronic tools including using SPSS in the development of the database research project. | Failed to submit or failed to submit on time |