

EDU 7211 Data Analysis II-Statistics

Dr. Ianni

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This course was a continuation of the study of statistical inquiry which began in EDU 5655-Data Analysis I. What set this course apart from EDU 5655 was the focus on inferential statistical analyses. Throughout this course, Dr. Ianni provided instruction on using descriptive and inferential statistics to investigate research topics, summarize and interpret data using SPSS, and organize and analyze data in the research paper format. Many topics were explored including, but not limited to the following: descriptive and inferential statistics, distribution analysis, and correlation and regression analysis.

The purpose of the final project was to complete a five chapter research paper: description of the problem, research questions, literature review, methodology, description of the variables in the context of the research, findings (tables, graphs, regression analysis created using SPSS), descriptions of the findings, and conclusions and recommendations. Students were required to support the research findings with descriptive and inferential statistics.

In conclusion, this course highlighted how to effectively analyze data by using SPSS. This course was both valuable and practical. As data analysis becomes an integral part of school administration, our work and understanding of statistics will assist us in our work as both school administrators and researchers.