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 conclusion s and recommendations. Students were required to support the research findings with descriptive and inferential statistics.

This course was quite a challenge for me; however I am proud that I was able to persevere with the support of Cohort 11. Having the guidance and supervision of the cohort members really made a difference in my ability to endure the challenges presented. Thank you, Cohort 11!

In conclusion, this course highlighted how to effectively analyze data by using SPSS. My experience in this course was both valuable and practical because, as a school administrator,

one of my priorities is data analysis and using data to drive instruction. Additionally, the skills that I honed throughout this course will assist me with interpreting research data as it relates to my dissertation topic.