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EDCI 631 Research Design/Data Analysis

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Before taking Research Design/Data Analysis, I hadn’t written a formal research proposal. I now know all of the key components that are needed in a research paper: abstract, introduction, review of related literature, methodology: participants, instruments, research design, procedures, data analyses, time scheduled, and budget. The abstract of the paper is a summary of the entire research paper. The introduction is where you set up the topic for the reader. Review of related literature is a difficult process but is very beneficial when putting the final paper together. Finding literature that already exists and is related to the topic helps gain understanding of research that already exists about your topic. Methodology shows all of the techniques used to analyze information about the topic. The methodology process helps a reader evaluate the overall paper. When deciding on a topic, there is importance in picking something that you have a lot of passion for. I enjoy looking at data as it is very interesting and can show the progress students can make in the classroom. When conducting research, a lot of time and effort is put into a project, but the outcome is incredibly beneficial. Research helps to inform other beginners, experts, and in-between in the same field of study. When it comes to the education field, the more research that is done will help teachers in the classroom with teaching styles and providing the best material. It’s very beneficial for teachers to be able to compare and learn from one another. In education, there is always the swing of what should be going on in the classroom and these changes come to fruition from the research that people conduct. This process takes many multitudes of hours but in the end it helps make the school systems better for students.