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Three Capstone Project Ideas:

1. National Survey on Drug Use and Health: Where does the government need to allocate resources to better address the mental health and drug problems facing American citizens? This survey on drug use and health in the US has been executed for a few decades now, and an analysis of this dataset over time may reveal insights into the emerging prevalence of certain drug usage within certain segments of the population that may be growing worse. Though the data is only available through 2014, insights found with these datasets may draw attention to problem areas that still need to be addressed by our communities today. The final product of this project could be presented to government officials highlighting problems that could be addressed with lawmaking or to doctors who may be interested in the prevalence of prescription medicine use or addiction. (Descriptive, Exploratory, Inferential, maybe Predictive?)
2. Global Burden of Disease Study: Which countries have the highest mortality rates and among which segments of the population? What are the leading causes of death among these segments, and are the rates and causes of death comparable to countries nearby? I have global data from 1990-2013 on mortality, causes of death, and life expectancy. The idea is essentially to bring attention to the loss of human life in areas of the world that lack the resources to combat preventable diseases. My assessment of the state of global mortality could be presented to a nonprofit or community organization in hopes that donations could be allocated to combat the leading causes of death. (Descriptive, Exploratory, Inferential)
3. Georgia Assertive Community Treatment(ACT) Fidelity reports : What are the limitations of the Assertive Community Treatment program and which aspects of the program need to be improved or removed. There are reports from the Georgia Dept of Behavioral Health and Developmental Disabilities (DBHDD) website on the effectiveness and quality of service of branches of the ACT program in Georgia. I could analyze these reports and present my findings to the Georgia DBHDD, showing them the ways in which their community treatment for mental health could be improved. (Descriptive)