Cardiovascular Disease(CV)

Group members: Walgama, Meredith, Julia, Chelsea

As a group we chose CV disease because we have an interest in epidemiology. CV disease is one of the leading causes of death in the United States.

According to the American Heart Association Heart disease is the leading cause of death in the US and globally.

We are looking to explore general trends in CV. Are there any surprising ages that are developing CV, any other comorbidities or other surprising finds, socio-economic factors or diet.

To gather data we will be using is from the US Department of Health and Human Services Found on catalog.data.gov

Breakdown of the project:

1. Gather and clean data- group EOD 5/7
2. 6-8 visuals- each will do 2 visuals

Chelsea- graph of country of total death by cs- bar graph, vs graph of just MN- also break down MN by counties.---include state:death rate per M,-- all counties combined in each state to find total then in MN break those down by counties.

Walgama-Use lat and lng to make 2 maps

Julia- breakdown of ethnicity

Meredith-breakdown of gender

1. Write up analysis/ ReadMe
2. powerpoint

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* Write-up summarizes major findings and implications at a professional level (5 points)

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* Each question in the project proposal is answered with precise descriptions and findings (5 points)
* Findings are strongly supported with numbers and visualizations (5 points)
* Each question response is supported with a well-discerned statistical analysis from lessons (e.g., aggregation, correlation, comparison, summary statistics, sentiment analysis, and time series analysis) (5 points)