Cardiovascular Disease(CVD)

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Background

CVD disease (CVD) is one of the most serious health issues and leading cause of sudden death in the worldwide. It is a common issue in both developed countries and developing countries. Risk factors for the CVD basically categorize demographic, socioeconomic, behavioral, environmental, and physiological factors. But there may be some other factors that matter.

There for it is very important to gather and analyze CVD death information to make any decision on minimizing CVD death rates.

Scope of the project

In this project analysis is limited to the counties only in Unites Sates of America (USA). Further analysis is limited to the demographic risk factor among various risk factors associated with the CVD death rate.

Question are going to be answered

1. Geographic distribution of the CVD death rate.
2. Effect of the smoking behavior to the CVD death rate
3. Distribution of Heart disease among ethnicities
4. Xxxxxxxxxx
5. xxxxxxxxx

Data source

For this analysis , the data source will be Health and Human Services Found on catalog.data.gov

Output the project

* Visual outputs (graphs, maps)
* Statistical reports (correlations, statistical testing data)
* Summary repot
* Presentation of the analysis

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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