

Capstone Project One Story Telling

With the help of exploratory data analysis, I tried to answer some of the questions which are listed below:

- What is the total number of records in the dataset?
- What were the causes of death in this data set?
- What is the number of deaths per each year from 1999 to 2017?
- What were the top causes of deaths in the United States during this period?

All the answers for the above questions are listed below chronologically.

- 10806 no of cases were recorded.
- Accidents (unintentional injuries)', 'Alzheimer's disease', 'Cerebrovascular diseases', 'Chronic lower respiratory diseases', 'Diabetes mellitus', 'Diseases of heart', 'Influenza and pneumonia', 'Intentional self-harm (suicide)', 'Malignant neoplasms', 'Nephritis, nephrotic syndrome and nephrosis'
- From 2002 to 2009 the number of deaths declined, then there an increase from 2010 to 2013. in 2013 and 2014, there was a sharp increase in the number of deaths.
- Diseases of the heart represent the highest causes of death followed by cancer.

Exploratory data analysis of our data shows no of deaths are increasing and the major contributing causes belongs to non-communicable disease like heart disease and cancer.