**Selected Topic:**

Death

**Reason(s) why we chose topic?**

The old saying “…nothing is certain except death and taxes,” will continue to occur until the end of time. Death like many things in life is unavoidable. One day death will find each one of us. This topic peaked our curiosity to dive a little deeper into discovering the leading causation of death. Might there be a relationship with death and the state one resides?

**Description of source of data:**

Kaggle was the external source used to obtain the data. The data encompassing ten leading causes of death in the United States from 1990 to 2017. The data is based on the information from all resident’s death certificates recorded in the 50 states and the District of Columbia. This dataset presents age-adjusted death rates (per 100,000 population) established on 2000 U.S standard population. After 2010 the populations used for computing death rates are postcensal estimates based on the 2010 census, estimated as of July 1, 2010. Rates for census years are based on populations specified in the subsequent censuses. Before 2010 the rates for non-census years are adjusted using updated intercensal population estimates and may vary from rates previously published.

**Question we want to answer?**

Predict age adjusted deaths by cause and by state. (Year range 1999 to 2012 = training) and (2013-2017 = test)