**Description of Vectors:**

apple\_share: The price of Apple Shares from 1980 to 2011. Source: https://au.finance.yahoo.com/q/hp?s=AAPL

Co2\_emission: This file contains historical estimates (1980-2011) of annual net land-atmosphere carbon emission due to land-use and land-use change (LULUC) as calculated by Meiyappan & Jain (2012).

Daily\_Sunlight: North America Land Data Assimilation System (NLDAS) Daily Sunlight (insolation) for years 1980-2011 on CDC

marg\_consumption: Per capita Margarine consumption in the United States: http://twentytwowords.com/funny-graphs-show-correlation-between-completely-unrelated-stats-9-pictures/3/

Population: Population of the United Stated – ucr.fbi.gov

Temp: global data sets-https://climatedataguide.ucar.edu/climate-data/global-temperature-data-sets-overview-comparison-table

Violent: Number of violent crimes in the US- ucr.fbi.gov

Year: The years depicted in the rest of the data set.