Introduction/Business Problem :

Using zip code as a key, the state of California has maintained "causes of death" data from 1999-2016. These are broadly classified into 15 categories. The opportunity or the business problem that could be solved by k-means clustering of these zip codes are as follows:

1. Based on the causes of death, the state could better allocate and/or train resources such as hospitals, emergency care centers, medical, pharmaceutical, doctors, nurses etc..
2. These resources could be shared by zip codes that fall into the same cluster.

Overall better utilization of medical services could help better the quality and length of life for the people of California.