

Executive Summary

We intend to look at various statistics about Health and Life Insurance. For the Health Insurance, we will reference the “American Community Survey Tables for Health Insurance Coverage” dataset as provided. For Life Insurance, we searched for datasets and websites that contained information about demographics, geographics, and general information regarding life insurance. In order to make a comparison, the overview of the dataset will look at various years within the United States.

Initially, we want to compare Health vs. Life Insurance, such as why people purchase the plans, how they compare in price and benefits, and who purchases the plans. A more in-depth look will search through the demographics to find any trends/patterns, what group has higher rates of insurance, which group is more inclined to purchase. While using the demographic data, we intend to predict the life expectancy by group to and to do so, the implementation of Machine Learning Model will be integrated with the datasets collected. This will allow us to see by group what life expectancy is and compare it to insurance rates by demographic group. We want to see what differences and which groups may have higher or lower rates. An analysis will be documented in the findings of this model.