

Executive Summary

In health and life insurance there are many factors that affect costs and rates. The intention of this project is to gather information that compares health and life insurance rates, how demographics play into the determinants of pricing, and predict the life expectancy of certain demographics and compare them to the pricing. The goal is to predict if specific demographics are seen to be charged a higher/lower rate in regard to the life expectancy values. The data we have gathered is provided by the US Census, providing information on demographics with health insurance, as well as other data sources that hold population data on Life Insurance. The model will pull the data and insert a linear regression to view any possible trends. Also, the model will create a correlation table of the demographics to life expectancy and display what specific groups life expectancy has a higher correlation to.