**Contribution of each member**

1. **Jhalak Sadana-**

* Did heat map creation using tablue for the regions of the country are most prone to cancer in three ways. First by using the sum of incidences, second using the concentration of incidences in the state population and lastly using the county and finding the top 10 in each way of analysis. Made both heat map and graphical representation to show the top 10 clearly.
* Made geographical heat map for a 4-level indicator variable for Median Income by first creating the R file to get the categorical data in excel sheet and then exported the excel file to tableau for the visual presentation of the 4 level indicator.
* Graphically presented the an analysis for comparing the incidence rate of these levels in tableau.
* Created slide for the presentation in the video.

1. **Priyanka Prattikantham-**

* As part of my analysis, I performed a correlation analysis to determine which factors are most correlated with the cancer incidence rate. Each variable has been plotted on a scatter plot so that I can examine their relationship to one another. With the help of a data analysis tool, a correlation analysis is presented in a table.
* Developed a linear regression model to study the relationship between the dependent variable and the independent variable. An effective linear model can be determined by observing the p-value and measuring its goodness of fit.
* Created slide for the presentation in the video.

1. **Matt Higgs**