**1.** With the given dataset execute the following steps mentioned below. Variable description file contains necessary descriptions of variables. Provide necessary screenshots for each steps, SQL queries, R codes, graphs in Tableau.

1. Import the given dataset in MySQL workbench. Inspect the table(s), columns, and determine the data types.

1. Using R code read the data stored in MySQL into RStudio. Provide R code to summarize the data. What is your observations?

1. Using RStudio find out the following characteristics –
   1. “Florida is the most accident-prone state in USA”-True or False? With the information in the dataset, justify your answer.
   2. Speeding is often considered as one of the major reasons for road accident. What patterns do you observe in the dataset pertaining to this statement?

(ii) Find the top-3 accident prone state in the data. Write a function in R to find top-k accident prone state given k as input.

(d) Depict the above findings by creating a dashboard in Tableau for proper visualization.

**2.** Formulate a suitable research question of your choice which is distinct from question 1 and can be addressed using the given dataset. Justify briefly your choice of the research question. Provide the solution details using MySQL/R/Tableau.

## - END -