

## Question-2

The dataset provided in '**police.csv**' contains vehicles stopped by the police.

Perform the following tasks :

- 1) Load the csv to a dataframe named 'police'.
- 2) Display the first 5 rows of the dataframe.
- 3) Display the data types of each column.
- 4) Obtain a statistical summary of the dataframe.
- 5) Drop the columns "country\_name".
- 6) Find most of the people were caught by police for which offense? (Mention your answer as comment in the next cell)
- 7) Save the above data to a series named 'offense'.
- 8) Now compare the violations of why people get stopped, with the violations with why people get arrested (Mention your review in the next cell).
- 9) Find the average age of men getting caught by the police in general.
- 10) Get the data for the oldest male caught by the police.
- 11) Check Do men or women speed more often? (Mention your answer as comment in the next cell).
- 12) Draw a regression plot for the attributes having best correlation.