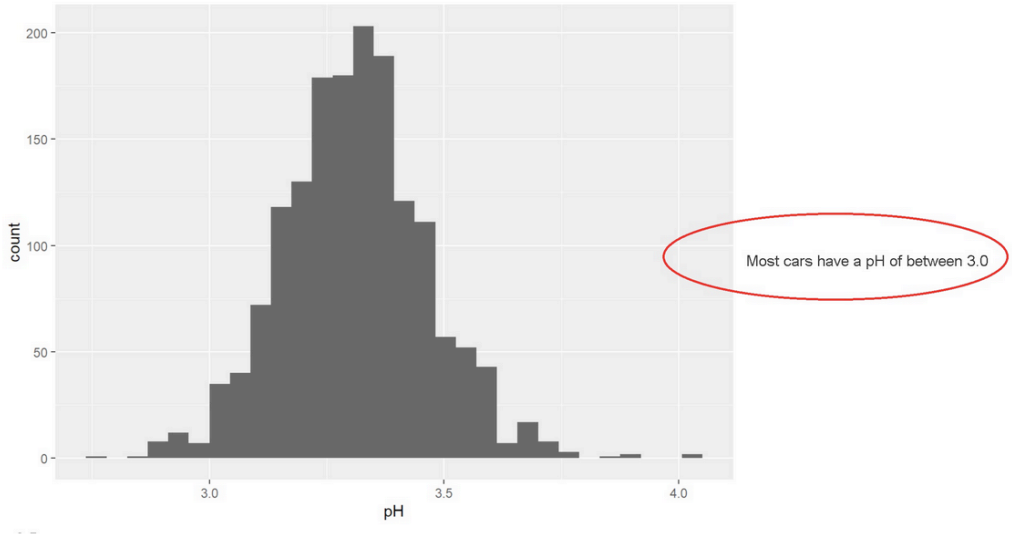
Markdown syntax is used in the RMD file to improve readability of the knitted file.

There are some places where the text appears on the side of the figure, you can fix that by adding a blank line between the code block and the markdown text.



Reasoning is provided for the plots made throughout the analysis. Plots made follow a logical flow. Comments following plots accurately reflect the plots' contents.

It is important to include a short discussion under each chart, explain what the chart depicts and what are your insights.

For the univariate section, the discussion under the chart can explain about each feature, describe the distribution with the relevant summary statistics and discuss the outliers,

For the bivariate and multivariate sections, the discussion should also include reasonings, why you choose to include the analysis in the report? what did you expect to find? what are your insights?

The project contains at least 20 visualizations. The visualizations are varied and show multiple comparisons and trends. Relevant statistics (e.g. mean, median, confidence intervals, correlations) are computed throughout the analysis when an inference is made about the data.

Awesome

The analysis includes many figures that depict comparison, trends and relations between features.

ToDo

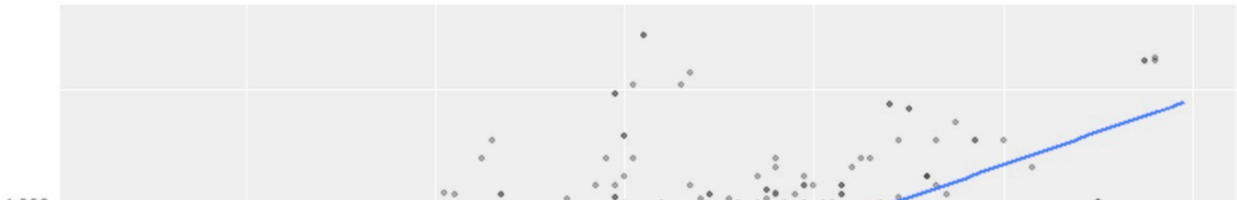
It is important to include the relevant statistics in the discussion under each chart. You can include the mean median and quartiles to quantify the distribution under the histograms `summary (red.wine$alcohol)`. The relevant correlation value under the corresponding chart to quantify the relation in the bivariate section `cor (red.wine$alcohol, red.wine$pH)`.

Visualizations made in the project depict the data in an appropriate manner that allows plots to be readily interpreted. Choice of plot type, variables, and aesthetic parameters (e.g. bin width, color, axis breaks) is appropriate.

Most of the chart are well done, so I only have few comments here,

For the bivariate scatter plot, please choose a lower alpha value to reduce the over plotting, Optionally you can add a regression line to better depict the trend.

```
  ggplot(aes(x = fixed.acidity,
             y = density   ),
         data = red.wine) +
        geom_point(alpha = 0.3, size = 1) +
        geom_smooth(method = "lm", se = FALSE,size=1)
`
```



All plots have appropriately selected variables and are plotted in a way that accurately conveys the data/information (i.e findings in Final Plot 1 do not depend on the findings of Final Plot 2).

final plot 3, please use a scatter plot or a boxplot to depict the relations between 3 features.

All plots are labeled appropriately (axis labels, plot titles, axis units) and can be read and interpreted easily. Plots are scaled appropriately.

The figures in the final plot section should be polished, please add a descriptive title for each figure in the final plot section. Please add the units to the axis labels for example “Alcohol [%]”.