Information Visualization

Class Quiz 3 Assignment

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**Answer:**

\*The aes() function in ggplot2 is essential for defining how data variables correspond to visual elements of a plot,such as color,size and position.

\*It cllows for the creation of complex and visullay appealing graphics by mapping data attributes to aesthetic properties .

**Example from the class notes:**

The below 2 sample chunks can be considered as an example of the aes() function from the class.

*ggplot(data = stops\_county, aes(x = pct\_black\_stopped, y = pct\_white\_stopped)) +*

*geom\_point()*

*ggplot(data = Chickasaw\_stops, aes(x = violation, y = driver\_age)) +*

*geom\_boxplot()*

*# Inside the aes() function, setting the x-axis and y-axis for the plotting.*

In the above example, the datasets is used and plotted accordingly depending on visual properties.