R studio and power bi

**Using Hollywood Profitable Stories**

For the dashboard, the company would like me to use their brand colors which are blue, green and brown. You can use light or dark shades of each color. For example, light blue and dark blue are acceptable.

In your power BI Dashboard, the client would like to see:

* The average Rotten Tomatoes ratings of each genre
* The number of movies produced per year
* The audience score for each film
* The profitability per studio
* The worldwide gross per genre

Boxplots are a measure of how well distributed is the data in a data set. It divides the data set into three quartiles. This graph represents the minimum, maximum, median, first quartile and third quartile in the data set.

Plots for outliers using boxplot and bar plot

A screen shot of a graph

Description automatically generated with medium confidence

A picture containing screenshot, text, plot, line

Description automatically generated

Bar Chart

A bar chart is used for summarizing a set of categorical data. In bar chart, the data is shown through rectangular bars having the length of the bar proportional to the value of the variable. In R, we can create a bar chart to visualize the data in an efficient manner.

A picture containing text, screenshot, rectangle, red

Description automatically generated

Scatter Plot

Scatter plot is a type of plot used to display the relationship between two numerical variables, and plots one dot for each observation. It needs two vectors of same length, one for the x-axis (horizontal) and one for the y-axis (vertical)

A screenshot of a graph

Description automatically generated with low confidence

The visualization was displayed on Powerbi

A screenshot of a computer

Description automatically generated with medium confidence

[PowerBi link] (“<https://app.powerbi.com/groups/me/datasets/c47807b6-0377-4704-9195-1bf80e77b5c1/details>”)