

Displaying Qualitative Data

Key Terms

Below is a list and short description of the important keywords learned in this lesson. Please read through and go back and review any concepts you do not fully understand. Great Work!

Keyword	Description
Heat map	A visualization that shows the "hot spots" in data.
Tree map	A visualization that uses cell size as a measure of how large something is.
Mosaic plot	A graph displaying two or more categorical variables.

Key R Code

Keyword	Description
heatmap()	Creates a heatmap from a matrix.
treemap()	A function to create a tree map.
index=	An argument to treemap() that sets an index for the visual.
vSize=	An argument to treemap() that sets a particular variable as influencing the size of the squares on the plot.
type="index"	An argument to treemap() that ensures the index variable is utilized.
mosaic()	A function that creates a mosaic plot from a table.
shade=TRUE	An argument to mosaic() that provides colors.
legend=TRUE	An argument to mosaic() that provides an interpretive legend.

Key R Libraries

Keyword	Description
treemap	Used for creating tree maps.
scales	Used for creating tree maps.

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