

Introduction to R

Graphing Data Using GGPlot

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GGplot vs Base

`ggplot` attempts to create a consistent framework for build graphs "layer by layer" in R.

You construct a graph by specifying:

1. The data.
2. An aesthetic (e.g., colors, line styles, the coordinate system, etc).
3. A graph "geometry" (e.g., boxplot, scatterplot, etc). This is where you specify the kind of graph you want.
4. Labels. The plot title, axis labels, etc.

A scatterplot

Creating the graph object and specifying the dataset.

```
library(ggplot2)  
car.graph <- ggplot(mtcars)
```