ggformula Worksheet

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Aesthetics (color, size, shape, alpha)

Using the `storms` data frame from the `nasaweather` package, create a scatterplot between `wind` and `pressure`, with color being used to distinguish the `type` of storm.

Axis Labels

Save your above plot, then add appropriate axis labels

Facets

The RailTrail data set from the mosaicData package describes the usage of a rail trail in Western Massachusetts. Use these data to answer the following questions. (Hint: For information on how to use faceting and add regression lines, see MDSR, Ch 3.2.2)

1. Create a scatterplot of the number of crossings per day volume against the high temperature that day

2. Separate your plot into facets by weekday (an indicator of weekend/holiday vs. weekday)

3. Add regression lines to the two facets

Geometries (boxplot)

Using the `iris` dataset make a boxplot of `Sepal.Length` across the different species. What can you conclude?