# R Project 1 - Hello R

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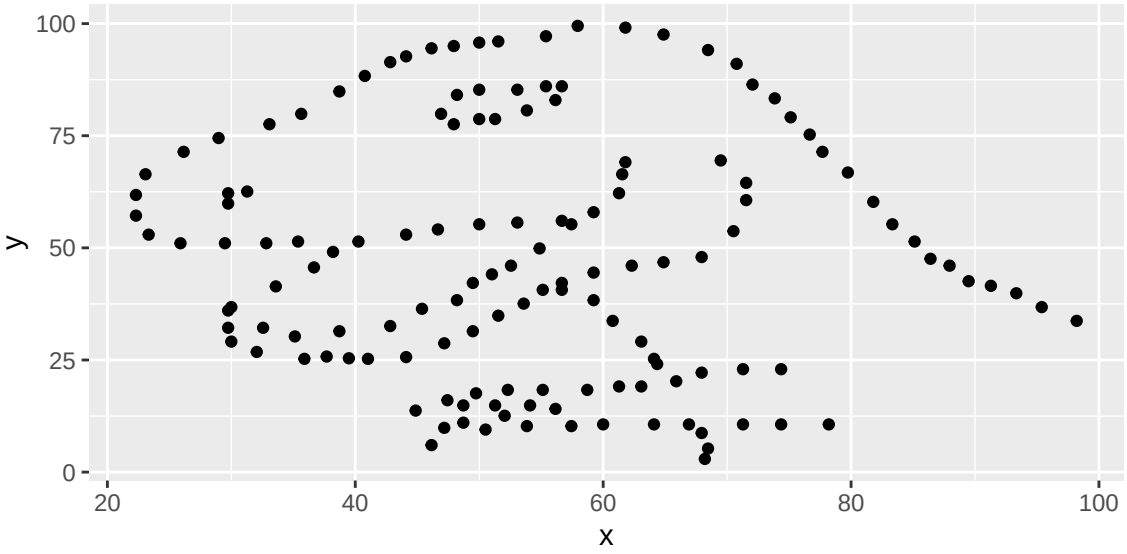
**Exercise 1**

- The datasaurus_dozen file has ***1846 rows*** and ***3 variables (columns)***
- The variables included in the data frame are:
  - **dataset:** indicates which dataset the data are from
  - **x:** x-values
  - **y:** y-values

**Exercise 2**

**First we need to visualize this data to assess the form of the relationship between the variables `x` and `y`. We can do this by plotting the data in the dino dataset:**




**Once we assess the visual relationship between the two variables, we can calculate the correlation between `x` and `y` in this dataset and we get:**

```
## # A tibble: 1 x 1
##         r
##     <dbl>
## 1 -0.0645
```

*Calculating a correlation coefficient is not particularly needed for this case since the relationship between x and y is not linear.*

**Exercise 3**

(Add code and narrative as needed. Note that the R chunks are labeled with `plot-star` and `cor-star` to provide spaces to place the code for plotting and calculating the correlation coefficient. To finish, remember to clean up the narrative by removing these instructions.)

I'm some text, you should replace me with more meaningful text...

**Exercise 4**

(Add code and narrative as needed. Note that two R chunks are given but they are not labeled. Use the convention from above to name them appropriately.)

**Exercise 5**

(Add code and narrative as needed. To add R chunks either type out the backticks, curly braces, and the letter `r` or use the Insert chunk button above, with the green +C.)