Basic Plots

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R Markdown

The purpose of this file is to present a couple of basic plots using `ggplot`.

First we create a dataframe containing variables for our plots.

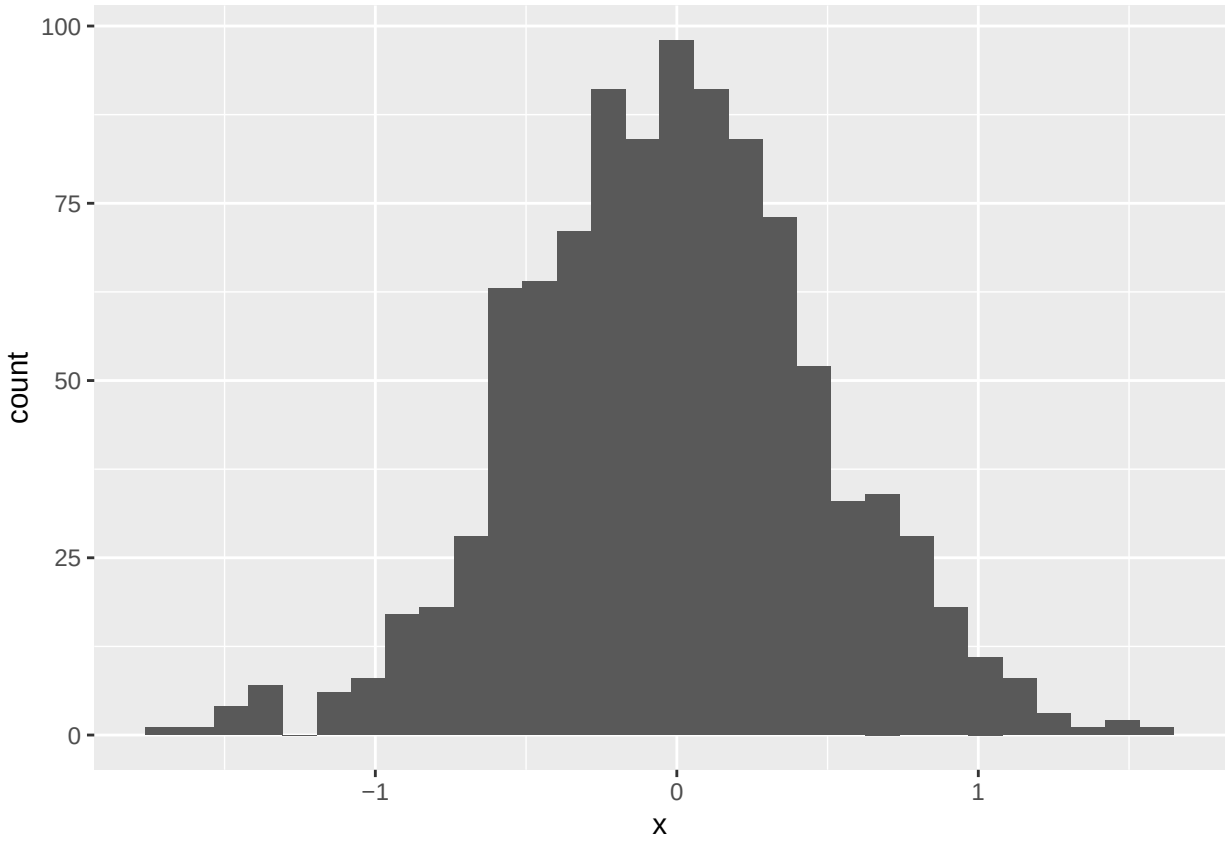
```
set.seed(1234)

plot_df = tibble(
  x = rnorm(1000, sd = .5),
  y = 1 + 2 * x + rnorm(1000)
)
```

First we show a histogram of the `x` variable.

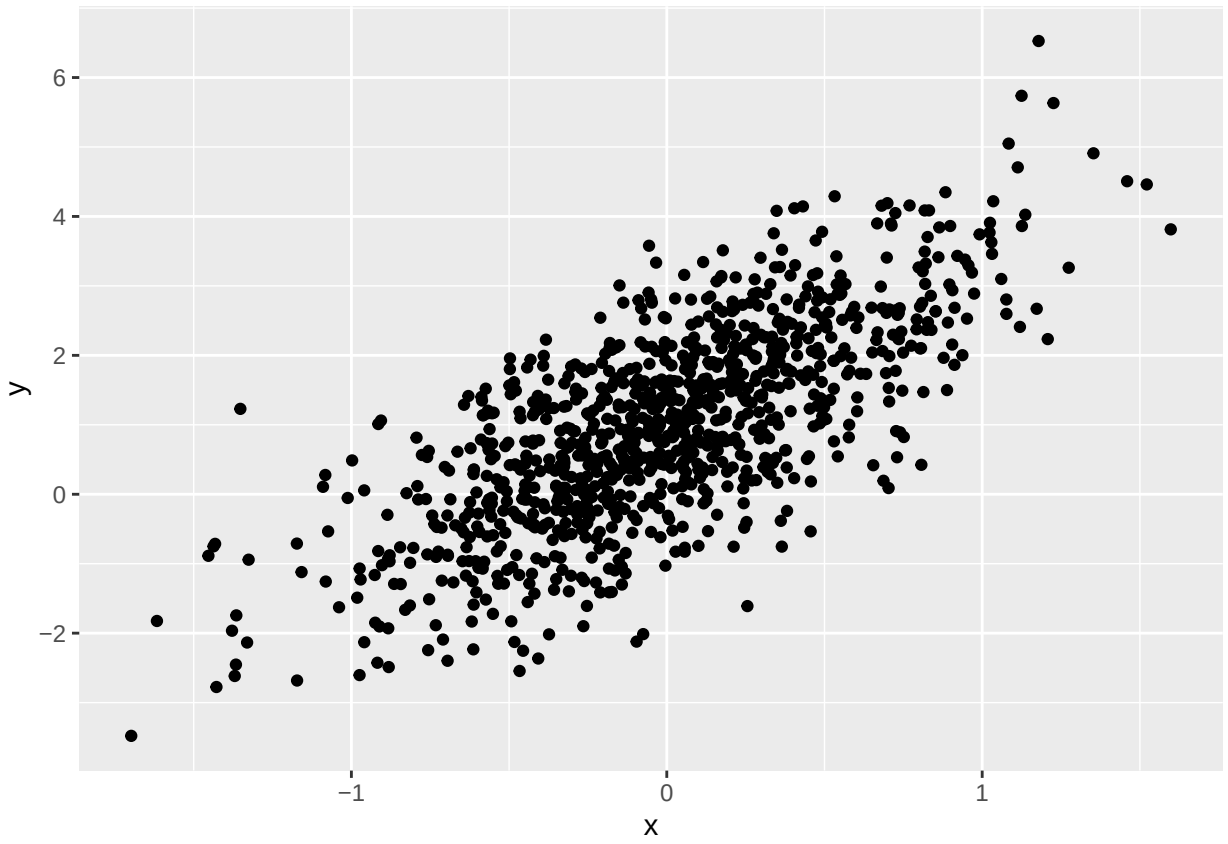
```
ggplot(plot_df, aes(x = x)) + geom_histogram()
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



Next we show a scatterplot of `y` vs `x`.

```
ggplot(plot_df, aes(x = x, y = y)) + geom_point()
```


6
4
2
0
−2
y
−1
0
1
x