

Tutorial - Command lines

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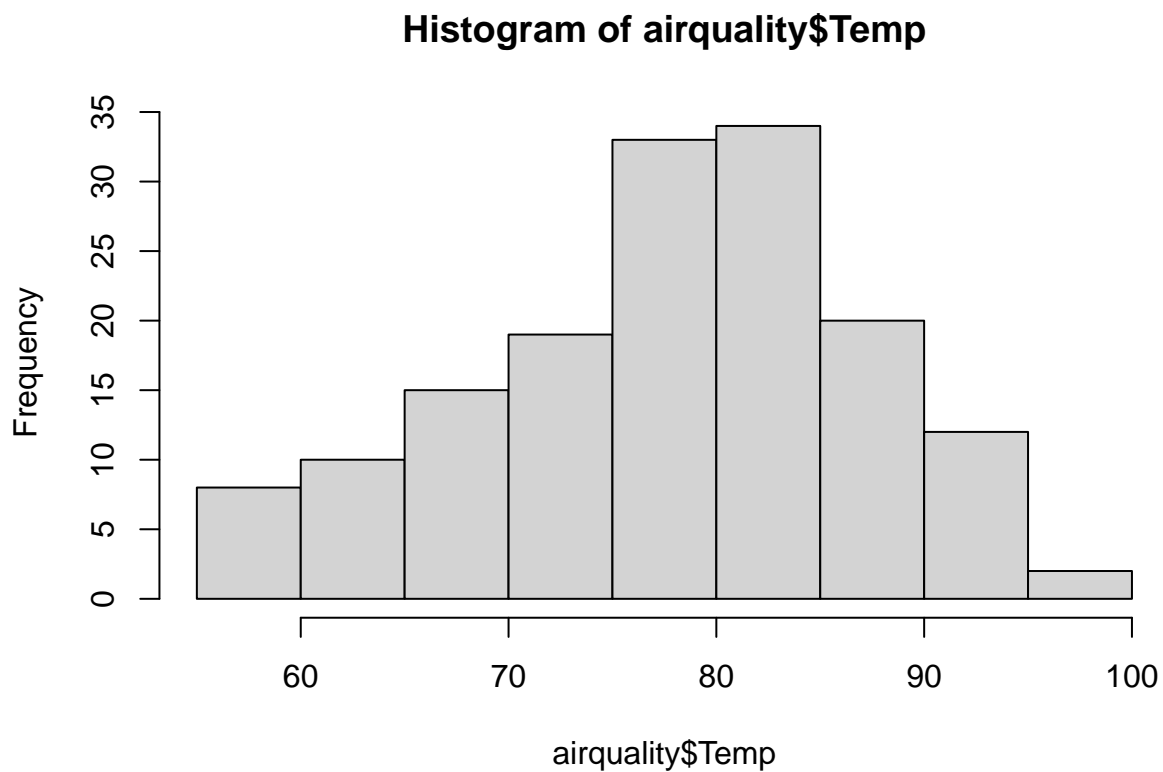
7/18/2023

```
library(ggplot2)
library(Lock5Data)
```

Tutorial

Histograms

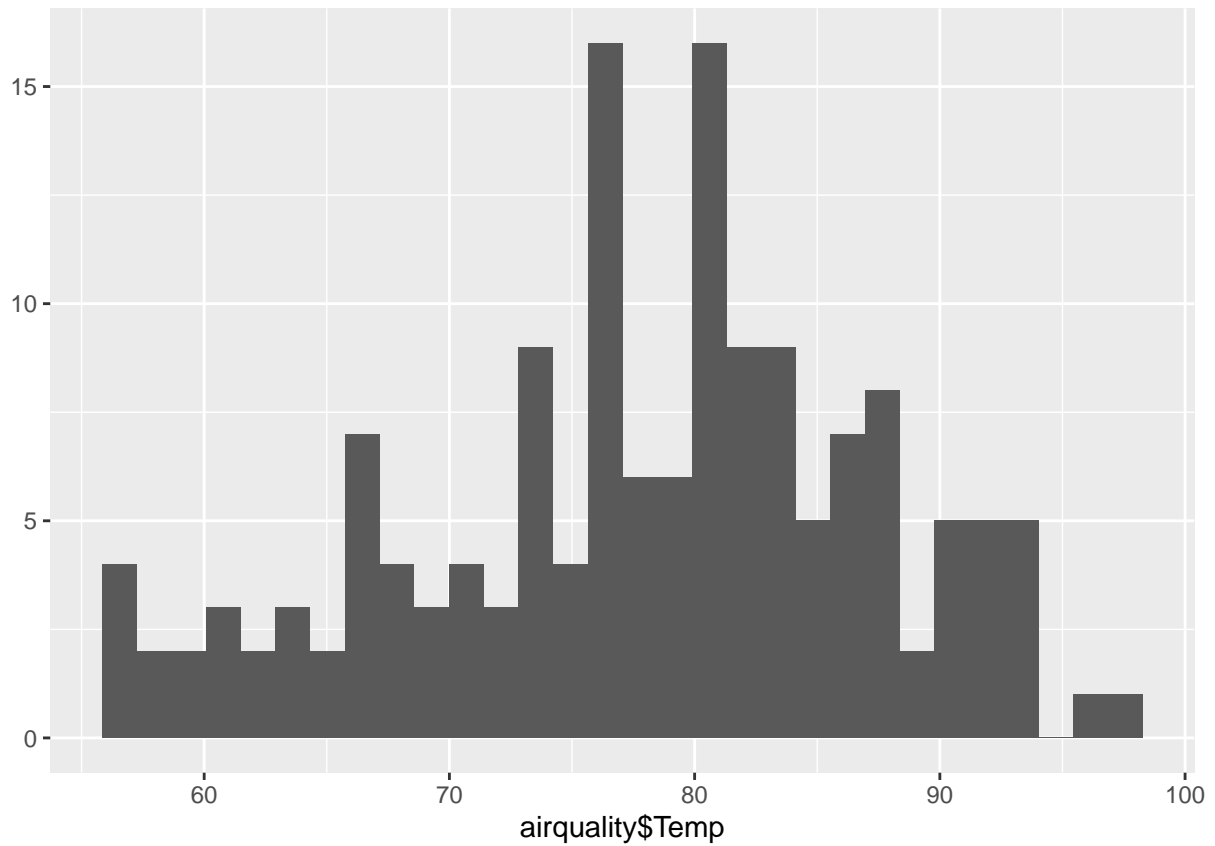
```
hist(airquality$Temp)
```



```
qplot(airquality$Temp)
```

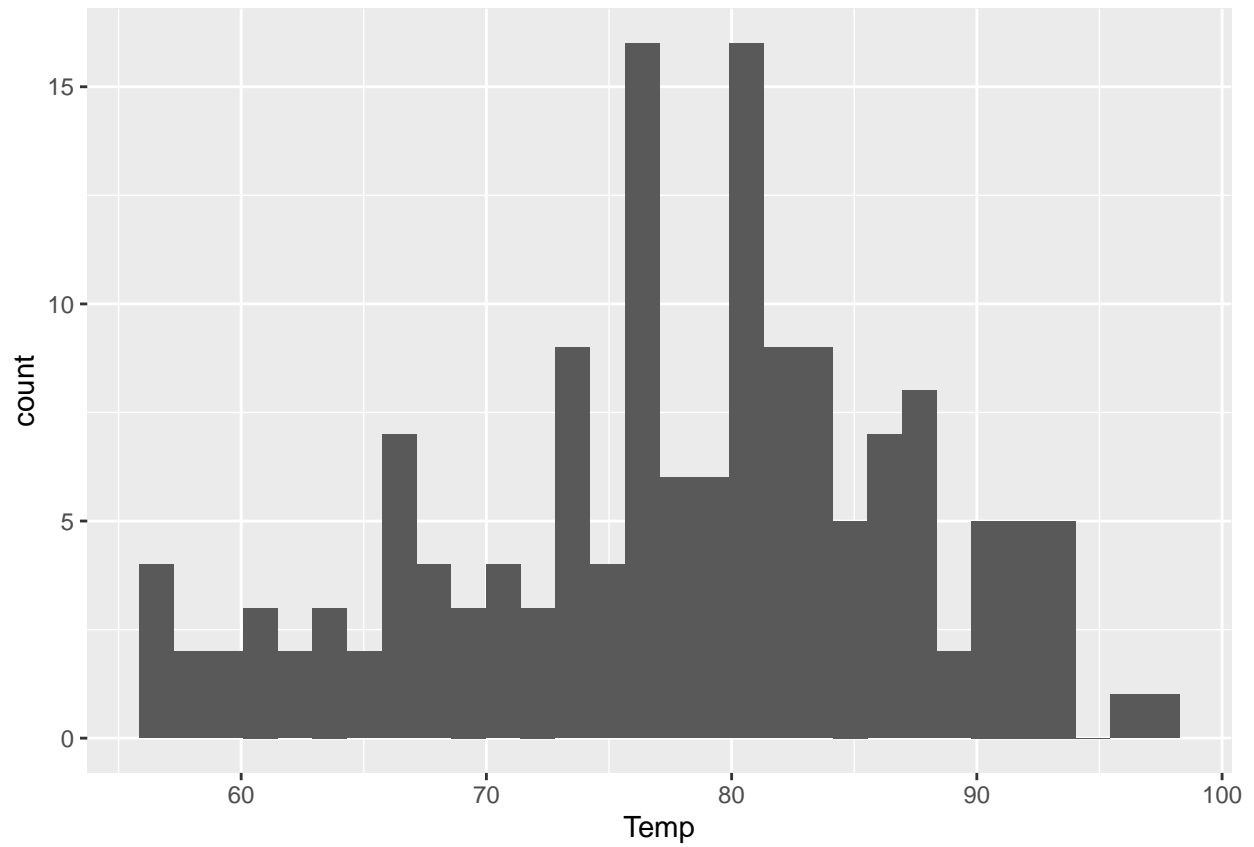
```
## Warning: 'qplot()' was deprecated in ggplot2 3.4.0.
```

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



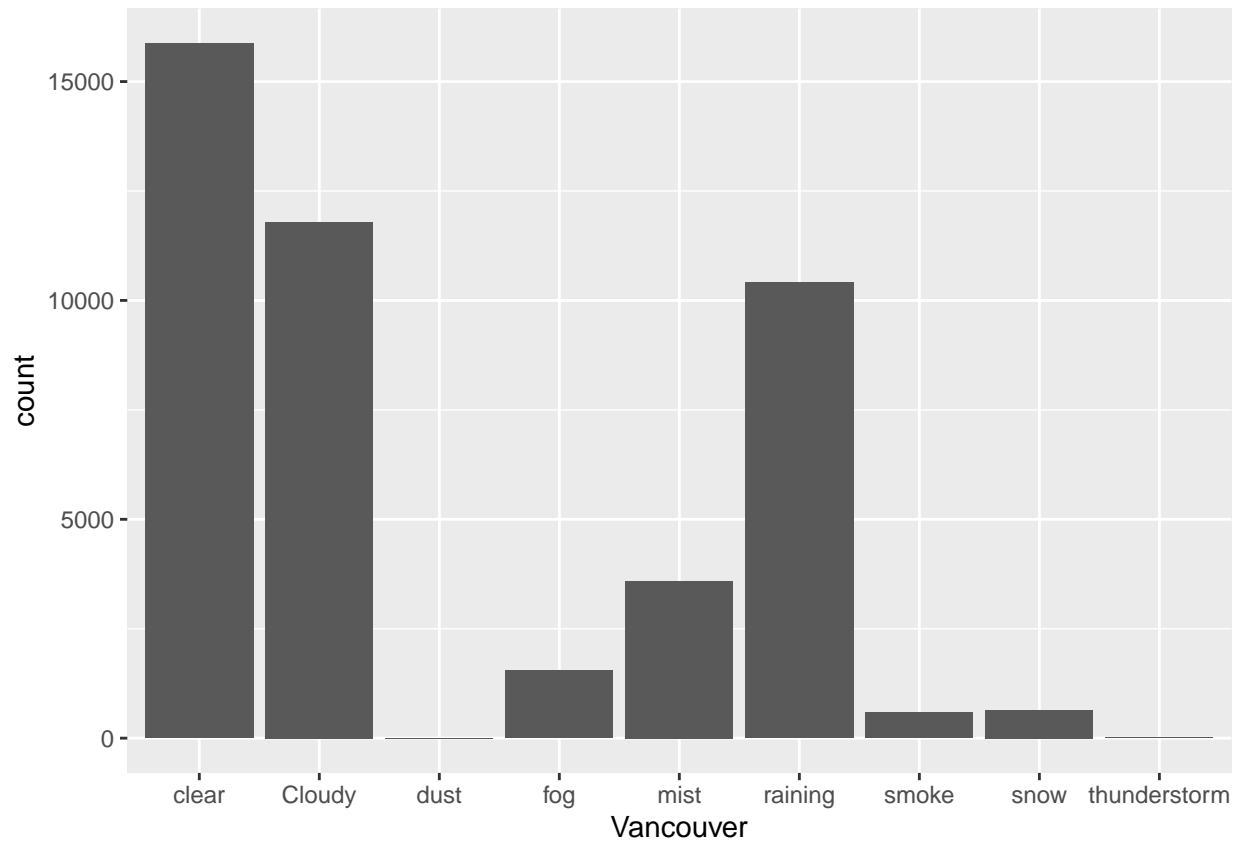
```
ggplot(airquality, aes(x=Temp)) + geom_histogram()
```

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



Bar plots

```
df_desc <- read.csv("../data/historical-hourly-weather-data/weather_description.csv")
ggplot(df_desc, aes(x=Vancouver)) + geom_bar()
```



```
ggplot(RetailSales, aes(x=Month, y=Sales)) + geom_bar(stat="identity")
```

```
## Warning: Removed 15 rows containing missing values ('position_stack()').
```

