R Notebook

Do not include any Chunks

This is a top level header

This is an R Markdown Notebook. When you execute code within the notebook, the results appear beneath the code.

This is a second level header

Unordered List:

- List item 1
- List item 2
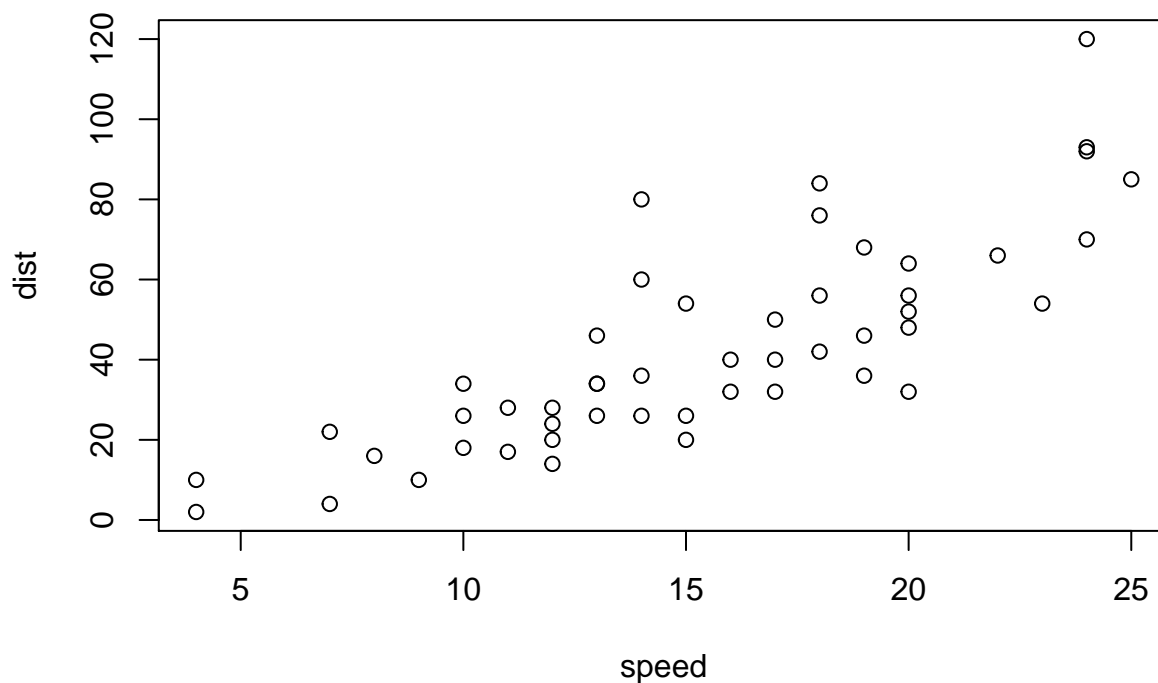   - sublist item 1

Ordered List:

1. Item 1
2. Item 2

Here is a sentence in which we talk about `read.csv()` function

Here is an equation: $NetTotal = \beta_0 + \beta_1 Quantity + \epsilon$
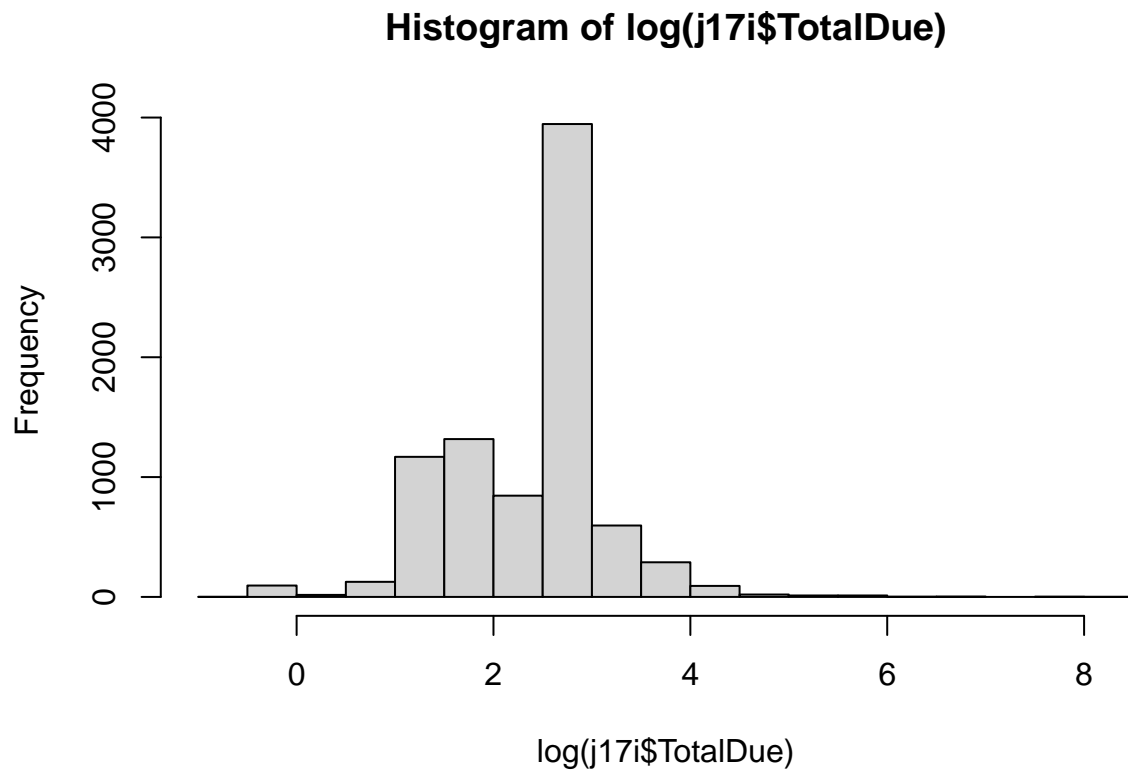
Try executing this chunk by clicking the *Run* button within the chunk or by placing your cursor inside it and pressing *Cmd+Shift+Enter*.

```
plot(cars)
```

Add a new chunk by clicking the *Insert Chunk* button on the toolbar or by pressing *Cmd+Option+I*.

```
##                      Time        OperationType BarCode           CashierName
##   2017-01-19T12:01:00Z:  26    RETURN:   9    *:8899   Karen Castro    :1860
##   2017-01-04T14:49:00Z:  21    SALE  :8890             Wallace Kuiper  :1583
##   2017-01-10T12:03:00Z:  18                            Katherine Roth  :1011
##   2017-01-04T18:26:00Z:  17                            Kathlene Slavin :  792
##   2017-01-26T12:08:00Z:  16                            Diana Miller    :  765
##   2017-01-04T17:39:00Z:  15                            Sharon Hill     :  637
##   (Other)             :8786                            (Other)          :2251
##                         LineItem          Department
##   Salmon and Wheat Bran Salad:1927    Entrees :3353
##   Chicken and Onion Kabob    :1012    Kabobs  :1969
##   Yogurt                     : 704    Sides   :1959
##   Beef and Apple Burgers     : 672    Beverage: 673
##   Beef and Squash Kabob      : 670    general : 492
##   Fountain Drink             : 581    Salad   : 423
##   (Other)                    :3333    (Other) :  30
##                            Category              CardholderName RegisterName
##   Salmon and Wheat Bran Salad:1594    LAGINA HELMES    :  30    RT149:7394
##   Chicken                    :1012    JAMARYON KARSTEN :  26    RT151:1505
##   general                    : 930    PRIYANSHI KAMPFER:  24
##   Yogurt                     : 704    SYLINDA AULTZ    :  21
##   Beef and Apple Burgers     : 672    YANCARLO ADAM    :  21
##   Beef                       : 670    (Other)          :7051
##   (Other)                    :3317    NA's             :1726
##       StoreNumber       TransactionNumber       CustomerCode       Cost
##   AZ23501305:1594    00K8NA978698 :  24    CWM11331L8O:7787    Min.   :-189.0400
##   AZ23501336:1012    00C7LMV68944 :  21    CW3105606HM:  21    1st Qu.:   0.1100
##   AZ23501596: 704    00E22IT177147:  17    CDU107108TW:  18    Median :   0.1100
##   AZ23501258: 672    000C93B134908:  17    CEH10623BRE:  15    Mean   :   0.2108
##   AZ23501367: 670    003YRI2180248:  15    CT310696ACI:  14    3rd Qu.:   0.1100
##   AZ23501289: 581    004FA7D67217 :  15    C5J4034EFG :  13    Max.   : 189.0300
##   (Other)   :3666    (Other)      :8790    (Other)    :1031
##       Price            Quantity          Modifiers         Subtotal
##   Min.   :-322.810   Min.   : 1.000   Min.   :-2.5200   Min.   :-322.80
##   1st Qu.:   4.500   1st Qu.: 1.000   1st Qu.: 0.0100   1st Qu.:   5.24
##   Median :  12.020   Median : 1.000   Median : 0.0100   Median :  13.10
##   Mean   :   9.612   Mean   : 1.177   Mean   : 0.6548   Mean   :  15.10
##   3rd Qu.:  14.680   3rd Qu.: 1.000   3rd Qu.: 1.0800   3rd Qu.:  15.76
##   Max.   :  24.630   Max.   :36.000   Max.   :57.5500   Max.   :3328.12
##   NA's   :562
##      Discounts          NetTotal            Tax            TotalDue
##   Min.   : -0.0300   Min.   :-322.77   Min.   :-25.340   Min.   :-348.11
##   1st Qu.: -0.0300   1st Qu.:   4.87   1st Qu.:  0.410   1st Qu.:   5.68
##   Median : -0.0300   Median :  13.13   Median :  1.040   Median :  14.17
##   Mean   :  0.7626   Mean   :  14.34   Mean   :  1.131   Mean   :  15.88
##   3rd Qu.: -0.0300   3rd Qu.:  15.79   3rd Qu.:  1.230   3rd Qu.:  17.02
##   Max.   :951.8300   Max.   :3328.15   Max.   :261.260   Max.   :3589.41
##                                        NA's   :341       NA's   :341

## Warning in log(j17i$TotalDue): NaNs produced
```

Histogram of log(j17i$TotalDue)

When you save the notebook, an HTML file containing the code and output will be saved alongside it (click the *Preview* button or press *Cmd+Shift+K* to preview the HTML file).

The preview shows you a rendered HTML copy of the contents of the editor. Consequently, unlike *Knit*, *Preview* does not run any R code chunks. Instead, the output of the chunk when it was last run in the editor is displayed.