

```
> head(iris)
  Sepal.Length Sepal.width Petal.Length Petal.width Species
1          5.1         3.5         1.4         0.2   setosa
2          4.9         3.0         1.4         0.2   setosa
3          4.7         3.2         1.3         0.2   setosa
4          4.6         3.1         1.5         0.2   setosa
5          5.0         3.6         1.4         0.2   setosa
6          5.4         3.9         1.7         0.4   setosa
> |
```

```
> # Summarize the categorical variable
> summary(iris$Species)
  setosa versicolor virginica
      50         50         50
> |
```

```
> #
> summary(iris$Sepal.Length)
  Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
4.300  5.100   5.800   5.843   6.400   7.900
> |
```

```
4.300  5.100   5.800   5.843   6.400   7.900
> summary(iris)
  Sepal.Length      Sepal.width      Petal.Length      Petal.width
Min.   :4.300   Min.   :2.000   Min.   :1.000   Min.   :0.100
1st Qu.:5.100   1st Qu.:2.800   1st Qu.:1.600   1st Qu.:0.300
Median :5.800   Median :3.000   Median :4.350   Median :1.300
Mean   :5.843   Mean   :3.057   Mean   :3.758   Mean   :1.199
3rd Qu.:6.400   3rd Qu.:3.300   3rd Qu.:5.100   3rd Qu.:1.800
Max.   :7.900   Max.   :4.400   Max.   :6.900   Max.   :2.500
  Species
setosa   :50
versicolor:50
virginica :50
~ |
```