Module 4 - Creating a frequency table

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Steps to create a frequency table in R

This module illustrates the procedure to create a frequency table in R. All below-mentioned commands should be executed in the R console.

Step 1. Select a discrete data column using the methods described in the Modules 1, 2, and 3, and save it in the variable **data.**
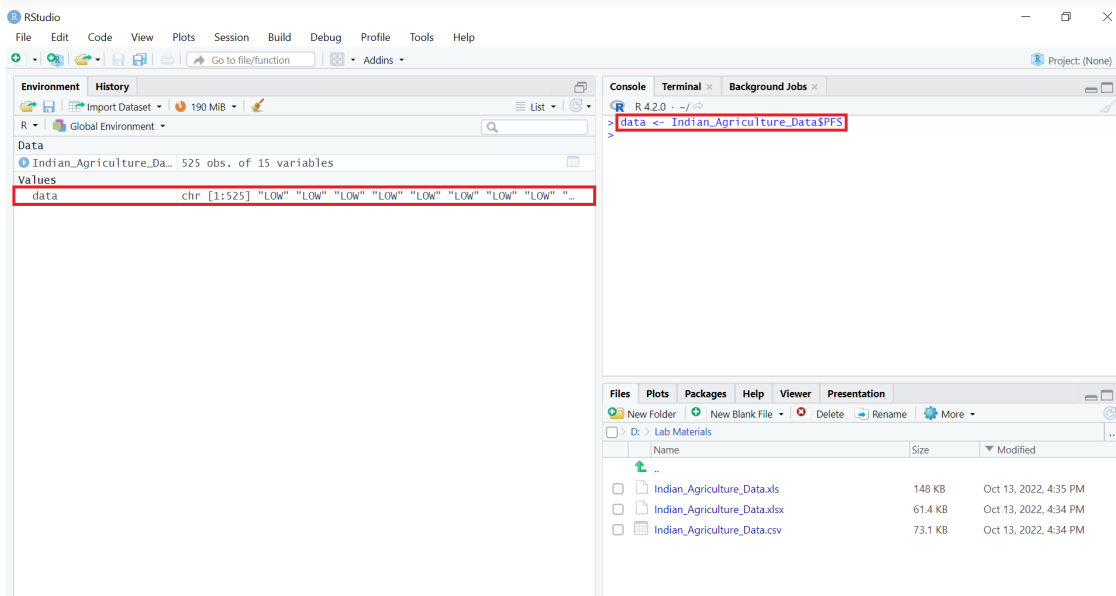
```
data <- Indian_Agriculture_Data$PFS
```


*Figure 1: Select and store a discrete data column in the variable **data.***

Step 2. Execute the following command to create a frequency table by using the **table()** function of R and store it in the variable **frequency_table.**
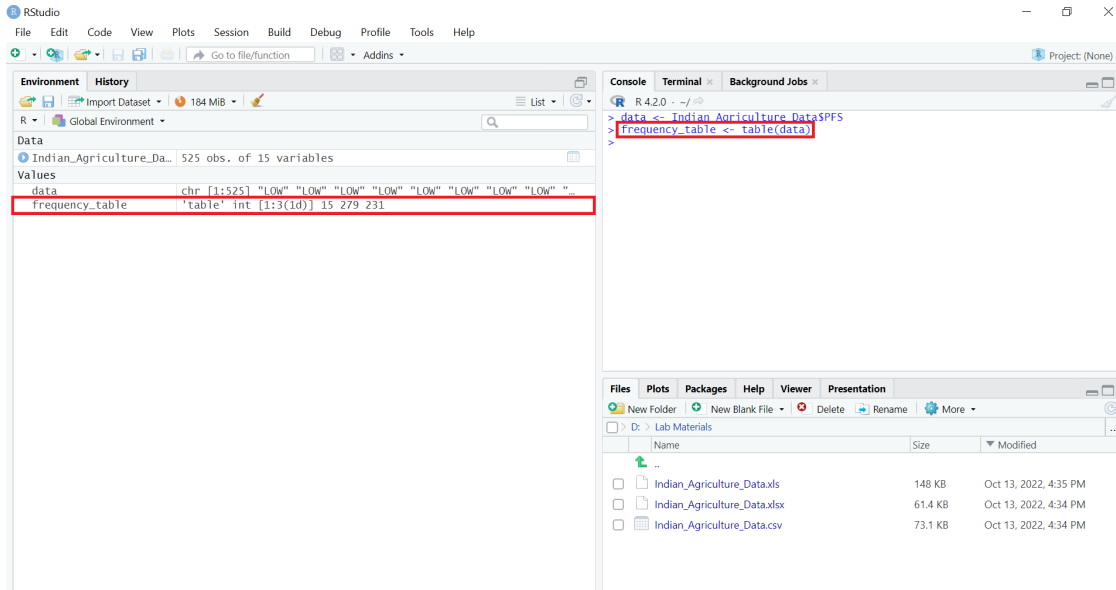
```
frequency_table <- table(data)
```

*Figure 2: Frequency table of **PFS** column data.*

Step 3. Type **frequency_table** in the R console and press **Enter** to view the contents of the generated frequency table.
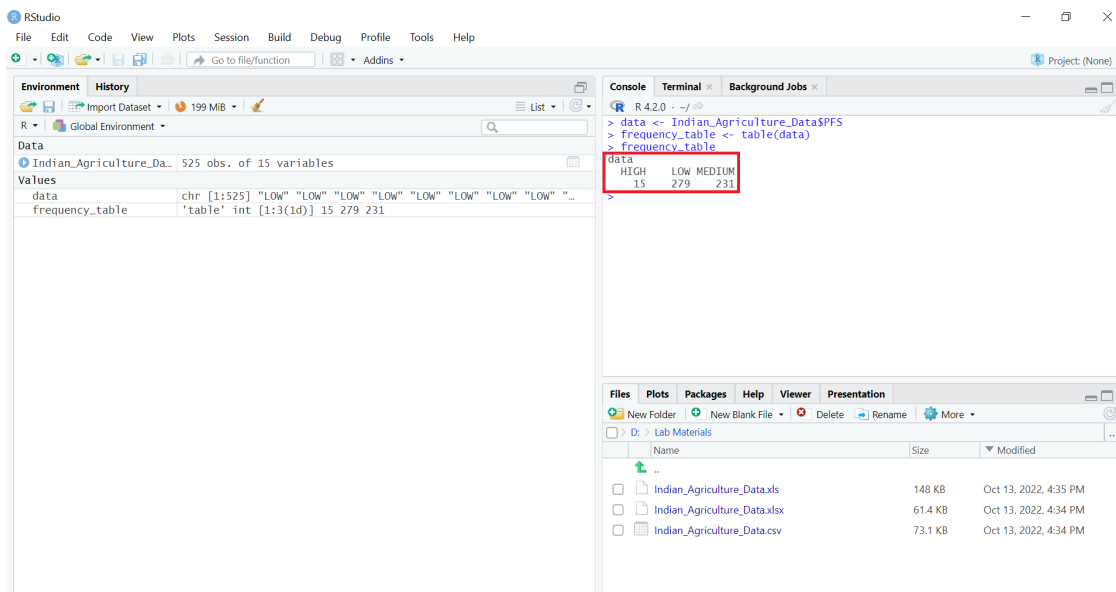

Figure 3: Contents of the frequency table.

Step 4. To save the contents of the generated frequency table in a **.csv** file with the name **frequency_table.csv,** type the following command.

```
write.csv(frequency_table,"frequency_table.csv")
```

Spoken Tutorials

For more details, refer to the Plotting Histograms and Pie Chart Spoken Tutorial video.