

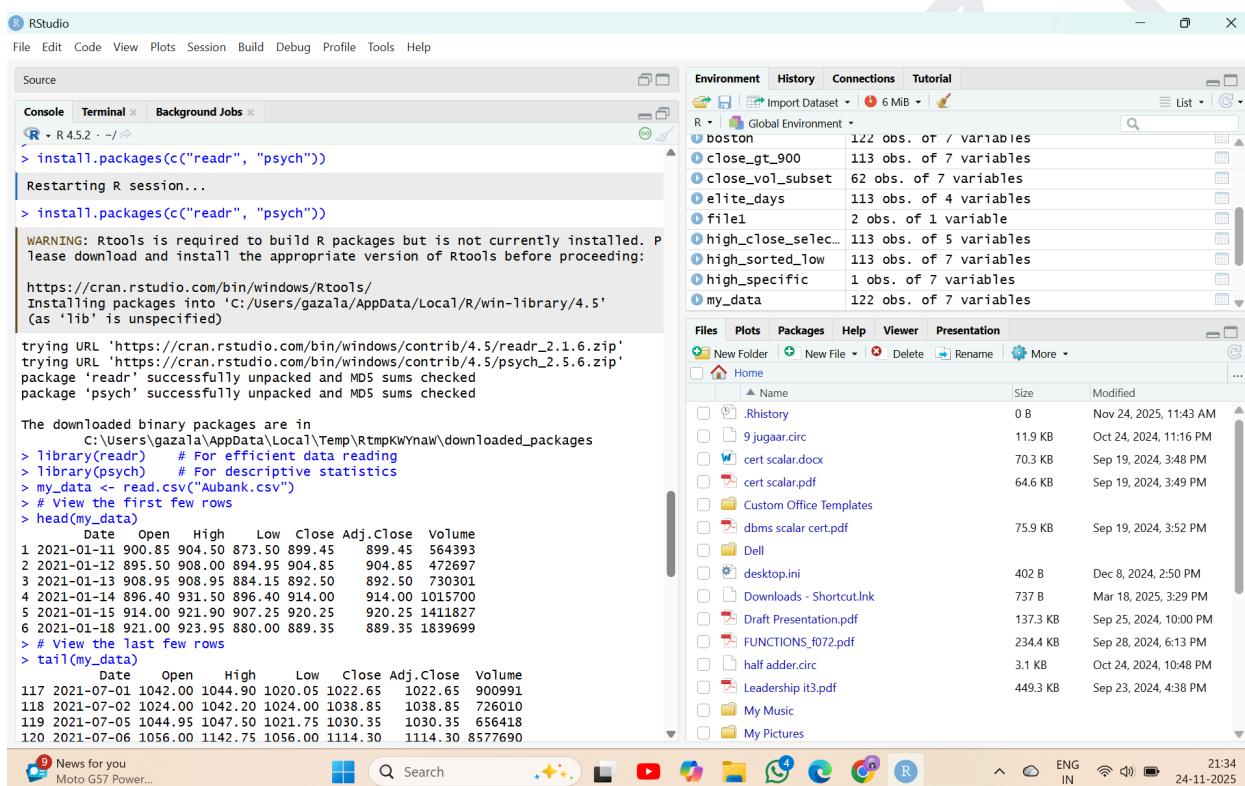
SHETH L.U.J AND SIR M.V COLLEGE

Subject: Data Analysis with SAS / SPSS /R

Practical no. 3

Aim:Exploring data: View() or print() (R).

Outputs →



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RStudio

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Source

Console Terminal Background Jobs

```
> tail(my_data)
   Date Open High Low Close Adj.Close Volume
117 2021-07-01 1042.00 1044.90 1020.05 1022.65 1022.65 900991
118 2021-07-02 1024.00 1042.20 1024.00 1038.85 1038.85 726010
119 2021-07-05 1044.95 1047.50 1021.75 1030.35 1030.35 656418
120 2021-07-06 1056.00 1142.75 1056.00 1114.30 1114.30 8577690
121 2021-07-07 1109.00 1133.00 1091.00 1125.00 1125.00 1542754
122 2021-07-08 1115.00 1135.40 1111.75 1141.40 1141.40 1965530
> # Get the dimensions (rows and columns)
> dim(my_data)
[1] 122 7
> # Get the dimensions (rows and columns)
> cat("Dimensions (Rows, Columns): ", dim(my_data), "\n")
Dimensions (Rows, Columns): 122 7
> # Get the structure (variable types and number of observations)
> str(my_data)
'data.frame': 122 obs. of 7 variables:
 $ Date : chr "2021-01-11" "2021-01-12" "2021-01-13" "2021-01-14" ...
 $ Open : num 901 896 909 896 914 ...
 $ High : num 904 905 909 932 922 ...
 $ Low : num 874 895 884 896 907 ...
 $ Close : num 899 905 892 914 920 ...
 $ Adj.Close: num 899 905 892 914 920 ...
 $ Volume : int 564393 472697 730301 1015700 1411827 1839699 1348639 946234 97
7221 658015 ...
> # See a summary of the dataset
> summary(my_data)
   Date      Open     High      Low     Close    Adj.Close  Volume
Length:122   Min.   :866   Min.   :877.0   Min.   :842.5
Class :character  1st Qu.:970   1st Qu.:989.5   1st Qu.:958.9
Mode  :character  Median :1041   Median :1064.4   Median :1020.9
                  Mean   :1058   Mean   :1081.4   Mean   :1034.0
                  3rd Qu.:1135   3rd Qu.:1158.9   3rd Qu.:1106.7
                  Max.  :1280   Max.  :1354.4   Max.  :1242.9
   Close      Adj.Close  Volume
Min.   :852.7   Min.   :852.7   Min.   :258928
1st Qu.:971.9   1st Qu.:971.9   1st Qu.:743190
Median :1040.9   Median :1040.9   Median :1032194
Mean   :1058.2   Mean   :1058.2   Mean   :1449015
3rd Qu.:1139.8   3rd Qu.:1139.8   3rd Qu.:1722323
Max.  :1298.9   Max.  :1298.9   Max.  :8577690
> # Get the column names
> names(my_data)
[1] "Date"      "Open"       "High"        "Low"        "Close"      "Adj.Close"
[7] "Volume"
```

Environment History Connections Tutorial

Import Dataset Global Environment

- boston 122 obs. of 7 variables
- close_gt_900 113 obs. of 7 variables
- close_vol_subset 62 obs. of 7 variables
- elite_days 113 obs. of 4 variables
- file1 2 obs. of 1 variable
- high_close_selec... 113 obs. of 5 variables
- high_sorted_low 113 obs. of 7 variables
- high_specific 1 obs. of 7 variables
- my_data 122 obs. of 7 variables

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