

Sheth I.u.j. And sir m.v. college of arts science and commerce

Practical no. mod 2 15th

Aim: Exporting results into external files (Excel, CSV, PDF) using write.csv() and writexl (R).

The screenshot shows the RStudio interface with the following details:

- File Menu:** File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help.
- Code Editor:** The script pane contains R code for reading data from CSV files and writing results to Excel and PDF files.
- Environment View:** Shows global variables like mean_data, model, mydata, newmat, oneway_ano..., roc_obj, and summary_da... along with their types and values.
- Files View:** Shows the project structure with files like student_results.xlsx, style.css, temp.txt, time_series_data_hum., UPDATED RESUME MC, wallpaper.jpg, webtech, Wireshark.txt, yahooStock.csv, YB - XceedNet - List o..., YB - XceedNet - List o..., cat_results.csv, cat_results.pdf, and cat_results_table.pdf.

```
mod2 14th.R x bmw x Untitled7* x cat_results.csv x logistic_results.csv x my_data.csv x practical_export.csv x > Source on Save | Run | < > Source | Environment History Conn R Global Environment > mean_data 3 obs. model List of mulnew int [1: 10 obs. mydata 10 obs. newmat num [1: 1 oneway_ano... List of roc_obj List of summary_da... 3 obs. Files Plots Packages Help Home Name student_results.xlsx style.css temp.txt time_series_data_hum. UPDATED RESUME MC wallpaper.jpg webtech Wireshark.txt yahooStock.csv YB - XceedNet - List o... YB - XceedNet - List o... cat_results.csv cat_results.pdf cat_results_table.pdf
```

```
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
mod2 14th.R x bmw x Untitled7* x cat_results.csv x logistic_results.csv x my_data.csv x practical_export.csv x > Source on Save | Run | < > Source | Environment History Conn R Global Environment > mean_data 3 obs. model List of mulnew int [1: 10 obs. mydata 10 obs. newmat num [1: 1 oneway_ano... List of roc_obj List of summary_da... 3 obs. Files Plots Packages Help Home Name student_results.xlsx style.css temp.txt time_series_data_hum. UPDATED RESUME MC wallpaper.jpg webtech Wireshark.txt yahooStock.csv YB - XceedNet - List o... YB - XceedNet - List o... cat_results.csv cat_results.pdf cat_results_table.pdf
```

```

1 library(writexl)
2 library(gridExtra)
37:1 (Top Level) >
R 4.5.2 · ~/ >
+ )
>
> summary_data <- data.frame(
+   weight = c(2,1,2),
+   food = c("whiskas","purepet","whiskas")
+ )
>
> write_xlsx(
+   list(
+     "cat" = data,
+     "Summary" = summary_data
+   ),
+   "student_results.xlsx"
+ )
>
> pdf("cat_results.pdf")
> print(data)
      Name age water_intake
1 nomnom  2        1.5ml
2 tutu    1        1ml
3 pimpi   1        1ml
> dev.off()
null device
1
>
> pdf("cat_results_table.pdf")
> grid.table(data)
> dev.off()
null device
1
> |
```

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The screenshot shows the RStudio interface. The top menu bar includes File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, and Help. The title bar shows multiple open files: mod2 14th.R, bmw, Untitled7*, cat_results.csv, logistic_results.csv, my_data.csv, and practical_export.csv. The main area displays the following R code:

```
1 "Name", "age", "water_intake"  
2 "nomnom", 2, "1.5ml"  
3 "tutu", 1, "1ml"  
4 "pimpi", 1, "1ml"  
5 |
```

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	Name	age	water_intake
1	nomnom	2	1.5ml
2	tutu	1	1ml
3	pimpi	1	1ml

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	Name	Age	gender
1	nomnom	2	male
2	tutu	1	female
3	pimpi	1	female