

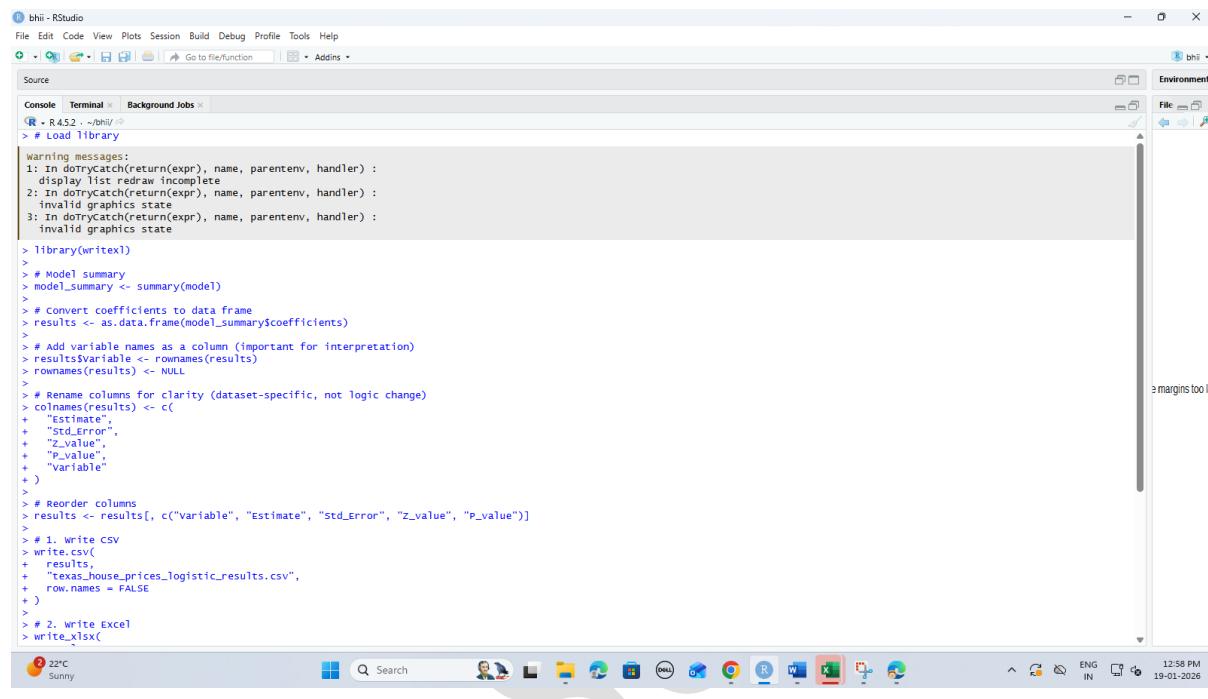
SHETH L.U.J AND SIR M.V. COLLEGE

SUBJECT :- DATA ANALYSIS WITH SAS/SPSS/R

MODULE 2 – PRACTICAL 15

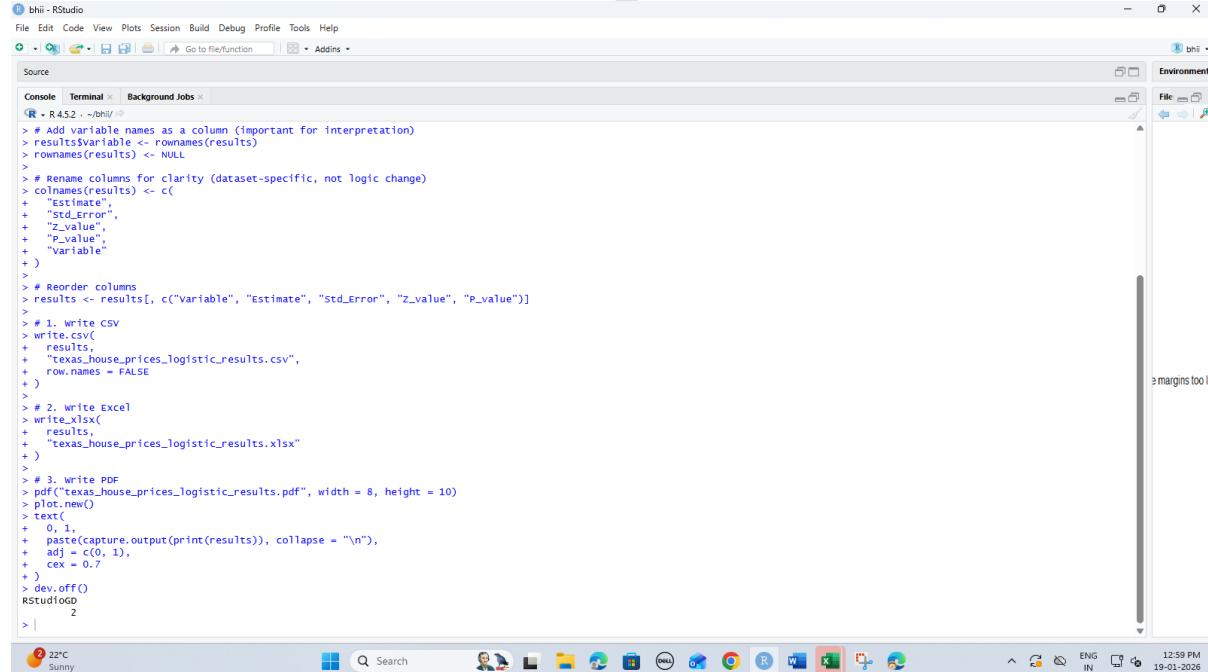
AIM:- Exporting results into external files (Excel, CSV, PDF) using `write.csv()` and `writexl (R)`.

OUTPUT:-



The screenshot shows the RStudio interface with the following R code in the Source pane:

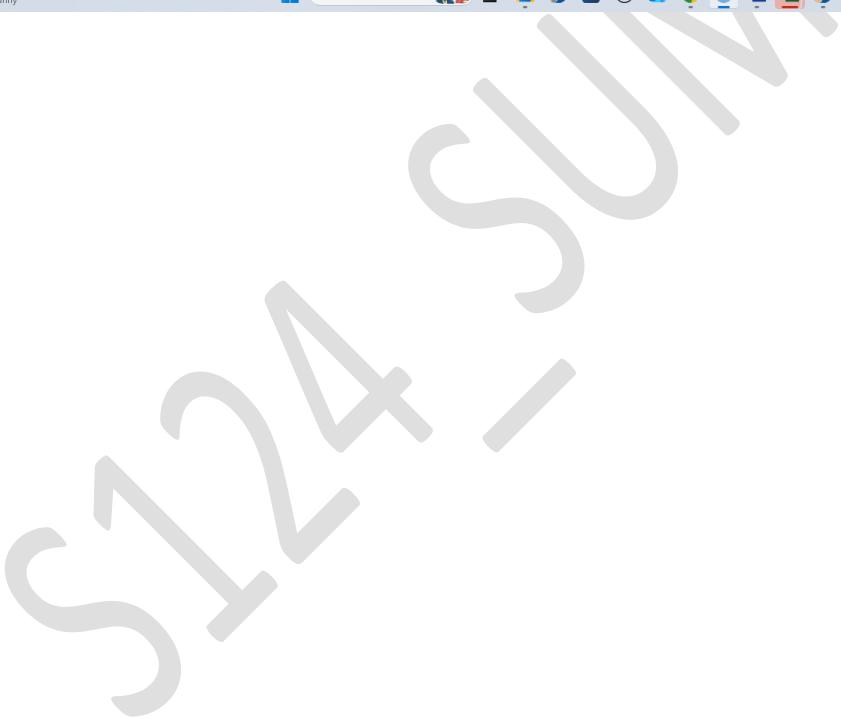
```
R - R 4.5.2 - ~/bhil
> # Load library
Warning messages:
1: In doTryCatch(return(expr), name, parentenv, handler) :
  display.list: redraw.incomplete
2: In doTryCatch(return(expr), name, parentenv, handler) :
  invalid graphics state
3: In doTryCatch(return(expr), name, parentenv, handler) :
  invalid graphics state
> library(writexl)
> # Model summary
> model_summary <- summary(model)
>
> # Convert coefficients to data frame
> results <- as.data.frame(model_summary$coefficients)
>
> # Add variable names as a column (important for interpretation)
> results$Variable <- rownames(results)
> rownames(results) <- NULL
>
> # Rename columns for clarity (dataset-specific, not logic change)
> colnames(results) <- c(
+   "Estimate",
+   "Std_Error",
+   "Z_value",
+   "P_value",
+   "Variable"
+ )
>
> # Reorder columns
> results <- results[, c("variable", "Estimate", "Std_Error", "z_value", "P_value")]
>
> # 1. Write CSV
> write.csv(
+   results,
+   "texas_house_prices_logistic_results.csv",
+   row.names = FALSE
+ )
>
> # 2. Write Excel
> write_xlsx(
+   results,
+   "texas_house_prices_logistic_results.xlsx"
+ )
>
> # 3. Write PDF
> pdf("texas_house_prices_logistic_results.pdf", width = 8, height = 10)
> plot.new()
> title("Logistic Regression Results")
> text(0.1,
+       paste(capture.output(print(results)), collapse = "\n"),
+       adj = c(0, 1),
+       cex = 0.7
+ )
> dev.off()
RStudio logo 2
>
```



The second screenshot of RStudio shows the same R code as the first, indicating the completion of the export process.

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bhi - RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

R 4.5.2 . ~/bhi/

> # Load Library

```
warning messages:
1: In dtrycatch(return(expr), name, parentenv, handler) :
  display list redraw incomplete
2: In dtrycatch(return(expr), name, parentenv, handler) :
  invalid graphics state
3: In dtrycatch(return(expr), name, parentenv, handler) :
  invalid graphics state
```

> library(rwte)

> # Model summary

> model_summary <- summary(model)

> # Convert coefficients to data frame

> results <- as.data.frame(model_summary\$coefficients)

> # Add variable names as a column (important for interpretation)

> results\$variable <- rownames(results)

> rownames(results) <- NULL

>

> # Rename columns for clarity (dataset-specific, not logic change)

> colnames(results) <- c(

+ "Estimate",
+ "Std_Error",
+ "Z_value",
+ "P_value",
+ "Variable")

> # Reorder columns

> results <- results[, c("Variable", "Estimate", "Std_Error", "Z_value", "P_value")]

> # 1. Write CSV

> write.csv

> results,

> "texas_house_prices_logistic_results.csv",

> row.names = FALSE

>)

> # 2. Write Excel

> write.xlsx

22°C Sunny

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Files Plots Packages Help Viewer Presentation

Import Dataset 255 MB

Environment History Connections Build Tutorial

Data

- data 972 obs. of 9 variables
- employee_data 300 obs. of 9 variables
- log_model Large glm (30 elements, 5.8 MB)
- model Large glm (30 elements, 3.3 MB)
- model_summary Large summary.glm (17 elements, 1.4 MB)
- req_model List of 12
- results 245 obs. of 5 variables
- sales_data 7991 obs. of 17 variables
- student_data 395 obs. of 36 variables

Files

- New Folder
- New File
- Delete
- Rename
- More

Home bhi

Name	Size	Modified
..	30 B	Dec 12, 2025, 7:57 PM
.Rbuildignore	3.1 KB	Jan 17, 2026, 11:10 AM
.History	417 B	Jan 17, 2026, 5:33 PM
bhi.Rproj	395 B	Dec 12, 2025, 7:57 PM
DESCRIPTION	32 B	Dec 12, 2025, 7:57 PM
man	21.0 KB	Jan 19, 2026, 12:58 PM
NAMESPACE	20.6 KB	Jan 19, 2026, 12:58 PM
R	11 KB	Jan 19, 2026, 12:58 PM
texas_house_prices_logistic_results.csv		
texas_house_prices_logistic_results.xlsx		
texas_house_prices_logistic_results.pdf		

ENG IN 01:00 PM 19-01-2026

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S124 - SUMEET