

# MVLU COLLEGE

**AIM:**Exploring data: View() or print() (R).

RStudio interface showing R code in the script pane and data summary in the environment pane.

```
install.packages(c("readr", "psych"))
library(readr)
library(psych)
Student.Mental.health <- read.csv("C:/users/mvluc/OneDrive/Desktop/ankita tiwari/Data Analysis/student data.csv")
head(Student.Mental.health)
tail(Student.Mental.health)
dim(Student.Mental.health)
cat("Dimensions (Rows, Columns): ", dim(Student.Mental.health), "\n")
str(Student.Mental.health)
summary(Student.Mental.health)
names(Student.Mental.health)
cat("Column Names: ", names(Student.Mental.health), "\n")
describe(Student.Mental.health)
```

Console output:

```
R - 4.1.2 - ~/
> view(Student.Mental.health)
> # View the last few rows
> tail(Student.Mental.health)
```

System tray icons: NIFTY +0.06%, ENG IN 12:22 24-11-2025

RStudio interface showing R code in the script pane and detailed data preview in the environment pane.

```
View(Student.Mental.health)
# View the last few rows
tail(Student.Mental.health)
```

Timestamp Choose.your.gender Age what.is.your.course Your.current.year.of.study

96	13-07-2020 19:08	Female 18	Islamic Education	year 1
97	13-07-2020 19:56	Female 21	BCS	year 1
98	13-07-2020 21:21	Male 18	Engineering	Year 2
99	13-07-2020 21:22	Female 19	Nursing	Year 3
100	13-07-2020 21:23	Female 23	Pendidikan Islam	year 4
101	18-07-2020 20:14	Male 20	Biomedical science	Year 2

What is your CGPA. Marital.status Do.you.have.Depression Do.you.have.Anxiety.

96	3.50 - 4.00	No	No	No
97	3.50 - 4.00	No	No	Yes
98	3.00 - 3.49	No	Yes	Yes
99	3.50 - 4.00	Yes	Yes	No
100	3.50 - 4.00	No	No	No
101	3.00 - 3.49	No	No	No

Do.you.have.Panic.attack Did.you.seek.any.specialist.for.a.treatment.

96	No	No	No
97	No	No	No
98	Yes	No	No
99	No	No	No
100	No	No	No
101	No	No	No

System tray icons: NIFTY +0.06%, ENG IN 12:23 24-11-2025

**ANKITA TIWARI**

**SYCS**

**S122**

**Data Analysis with SAS / SPSS /R PRACTICAL NO.3**

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The screenshot shows an RStudio interface with the following details:

- Console Tab:** Displays the command `> summary(Student.Mental.health)` and its output, which includes descriptive statistics for various variables like Timestamp, Choose.your.gender, Age, what.is.your.course, Your.current.year.of.study, what.is.your.CGPA, Marital.status, and Do.you.have.Depression.
- File Explorer:** Shows a tree view of the project structure, including files like .History, desktop.ini, ExamOffice tools.accdb, GIS DataBase, IISExpress, My Web Sites, NetBeansProjects, NetBeansProjects.rsr, R, Virtual Machines, and Visual Studio 2022.
- Task View:** Shows a list of tasks including Nifty bank, +0.00%, and others.
- System Tray:** Shows system icons for battery, signal, and date/time (24-11-2025).

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