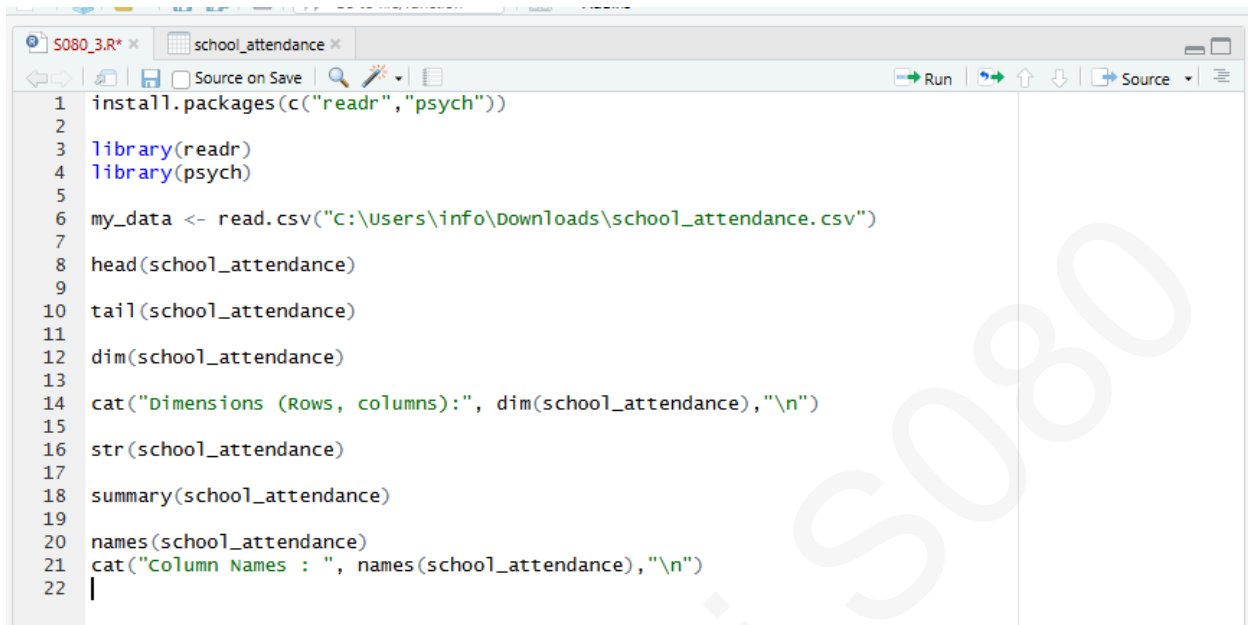


SHETH LUJ AND SIR MV COLLEGE

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



```
1 install.packages(c("readr", "psych"))
2
3 library(readr)
4 library(psych)
5
6 my_data <- read.csv("C:\\Users\\info\\Downloads\\school_attendance.csv")
7
8 head(school_attendance)
9
10 tail(school_attendance)
11
12 dim(school_attendance)
13
14 cat("Dimensions (Rows, columns):", dim(school_attendance), "\n")
15
16 str(school_attendance)
17
18 summary(school_attendance)
19
20 names(school_attendance)
21 cat("Column Names :", names(school_attendance), "\n")
22 |
```

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```
S080_3.R* x school_attendance x
Source on Save Run
1 install.packages(c("readr","psych"))
22:1 (Top Level)

Console Terminal x Background Jobs x
R 4.5.1 ~ /
package 'readr' successfully unpacked and MD5 sums checked
package 'psych' successfully unpacked and MD5 sums checked

The downloaded binary packages are in
C:\Users\info\AppData\Local\Temp\RtmpSkQvix\downloaded_packages
> library(readr)

warning message:
package 'readr' was built under R version 4.5.2

> library(psych)

warning message:
package 'psych' was built under R version 4.5.2

> my_data <- read.csv("C:\Users\info\Downloads\school_attendance.csv")

Error: '\u' used without hex digits in character string (<input>:1:25)

> head(school_attendance)
  School.DBN Date Enrolled Absent Present Released
1 01M015 20180905 172 19 153 0
2 01M015 20180906 171 17 154 0
3 01M015 20180907 172 14 158 0
4 01M015 20180912 173 7 166 0
5 01M015 20180913 173 9 164 0
6 01M015 20180914 173 11 162 0

> tail(school_attendance)
  School.DBN Date Enrolled Absent Present Released
277148 79X695 20190619 228 16 53 159
277149 79X695 20190620 230 46 136 48
277150 79X695 20190621 226 53 128 45
277151 79X695 20190624 226 42 130 54
277152 79X695 20190625 226 56 127 43
277153 79X695 20190626 216 27 68 121

> dim(school_attendance)
[1] 277153 6

> cat("Dimensions (Rows, columns):", dim(school_attendance),"\n")
```

SHETH LUJ AND SIR MV COLLEGE

```
S080_3.R* x school_attendance x
Source on Save
1 install.packages(c("readr","psych"))
22:1 (Top Level) R Script

Console Terminal x Background Jobs x
R 4.5.1 ~ /
277152 79X695 20190625 226 56 127 43
277153 79X695 20190626 216 27 68 121
> dim(school_attendance)
[1] 277153 6
> cat("Dimensions (Rows, columns):", dim(school_attendance),"\n")
Dimensions (Rows, columns): 277153 6
> str(school_attendance)
'data.frame': 277153 obs. of 6 variables:
 $ School.DBN: chr "01M015" "01M015" "01M015" "01M015" ...
 $ Date : int 20180905 20180906 20180907 20180912 20180913 20180914 20180917 20180918 20180920 20180921 ...
 $ Enrolled : int 172 171 172 173 173 173 173 174 174 174 ...
 $ Absent : int 19 17 14 7 9 11 10 7 7 8 ...
 $ Present : int 153 154 158 166 164 162 163 167 167 166 ...
 $ Released : int 0 0 0 0 0 0 0 0 0 ...
> summary(school_attendance)
School.DBN Date Enrolled Absent Present
Length:277153 Min. :20180904 Min. : 1 Min. : 0.0 Min. : 1.0
Class :character 1st Qu.:20181113 1st Qu.: 329 1st Qu.: 23.0 1st Qu.: 291.0
Mode :character Median :20190129 Median : 476 Median : 38.0 Median : 430.0
Mean :20186649 Mean : 597 Mean : 50.5 Mean : 544.5
3rd Qu.:20190410 3rd Qu.: 684 3rd Qu.: 59.0 3rd Qu.: 640.0
Max. :20190626 Max. :5955 Max. :2151.0 Max. :5847.0

Released
Min. : 0.000
1st Qu.: 0.000
Median : 0.000
Mean : 1.983
3rd Qu.: 0.000
Max. :5904.000
> names(school_attendance)
[1] "School.DBN" "Date" "Enrolled" "Absent" "Present" "Released"
> at("Column Names : ", names(school_attendance),"\n")
```