

Assignment No	08
Title	Import data from excel and write data
Objective	Using libraries
Roll No	MCA2565

### **1) CSV(Import Data from Excel AND Write Data)**

**Source Code :-**

```
install.packages("XLConnect")
library(XLConnect)
install.packages("readxl")
library(readxl)
install.packages("writexl")
library(writexl)

dataT<-read.table("data.csv",sep=",",header=T)
dataT
getwd()

class(dataT)
head(dataT)
dim(dataT)
tail(dataT,2)

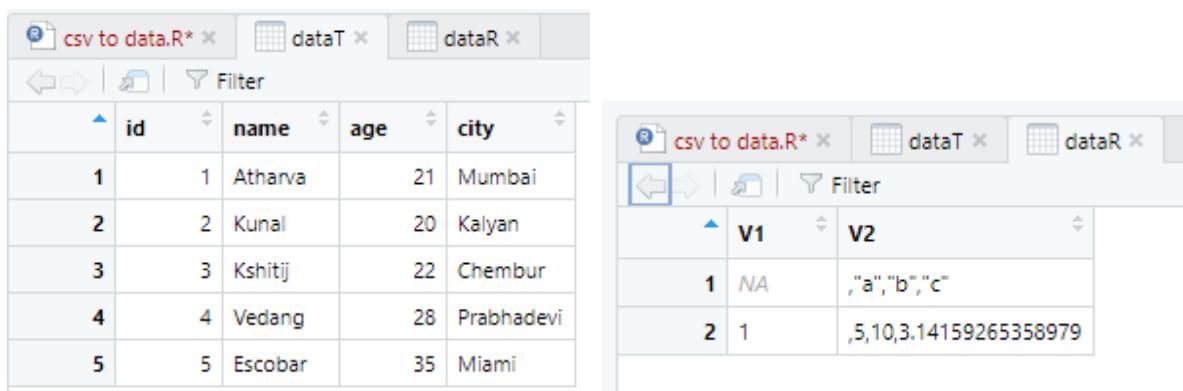
dim(dataT)

z<-data.frame(a=5,b=10,c=pi)
write.csv(z,file="datanew.csv")
dataR<-read.table("datanew.csv")
dataR

View(dataR)
View(dataT)
```

**Output :-**

```
> dataT<-read.table("data.csv",sep=",",header=T)
> dataT
  id   name age      city
1 1 Atharva 21    Mumbai
2 2 Kunal 20    Kalyan
3 3 Kshitij 22 Chembur
4 4 Vedang 28 Prabhadevi
5 5 Escobar 35    Miami
> getwd()
[1] "C:/Users/mcamock/Documents"
> class(dataT)
[1] "data.frame"
> head(dataT)
  id   name age      city
1 1 Atharva 21    Mumbai
2 2 Kunal 20    Kalyan
3 3 Kshitij 22 Chembur
4 4 Vedang 28 Prabhadevi
5 5 Escobar 35    Miami
> dim(dataT)
[1] 5 4
> tail(dataT,2)
  id   name age      city
4 4 Vedang 28 Prabhadevi
5 5 Escobar 35    Miami
> dim(dataT)
[1] 5 4
> z<-data.frame(a=5,b=10,c=pi)
> write.csv(z,file="datanew.csv")
> dataR<-read.table("datanew.csv")
> dataR
  V1          V2
1 NA , "a", "b", "c"
2 1 ,5,10,3.14159265358979
> view(dataR)
> View(dataT)
```



The screenshot shows the RStudio interface with two data frames displayed in separate panes.

**dataT:**

	id	name	age	city
1	1	Atharva	21	Mumbai
2	2	Kunal	20	Kalyan
3	3	Kshitij	22	Chembur
4	4	Vedang	28	Prabhadevi
5	5	Escobar	35	Miami

**dataR:**

	V1	V2
1	NA	, "a", "b", "c"
2	1	,5,10,3.14159265358979