

MDA102-Statistical meth

Day 9, 08 July 202
6.30 AM – 7.30 AM
Dr Sharon Varghes

MISSION

CHRIST is a nurturing ground for an individual's holistic development to make effective contribution to the society in a dynamic environment

VISION

Excellence and Service

Getting data in and out of R

Taking user inputs `scan()` and `readline()`

```
scan() #read multiple line of numeric data,
numeric(0)
scan(what = " ") #To read character string
character(0)
name<-readline(prompt = "Enter your name: ")
Enter your name: Sharon
age<-readline(prompt = "Enter your age: ")
Enter your age: 30
cat("Your name is",name,"and you are",age,
and character to a single string
Your name is Sharon and you are 30 years
```

Getting data in and out of R – contd...

Reading table using read.table() function

```
x<-read.table("cousins.txt",headings=
```

```
x
```

	Name	age
1	Noby	27
2	Joe	21
3	Johan	4

```
View(x) #to view x in a tabular v
```

Getting data in and out of R – contd...

Reading csv file using read.csv() function

This function is used to load csv file in R. In headers=TRUE by default

```
students_list<-read.csv("students.csv")
#students_list
head(students_list)
class(students_list)
[1] "data.frame"
View(students_list) #view in tabular form
```

Getting data in and out of R – contd...

Getting data in and out of R – contd...

```
email_list<-  
data.frame(students_list$Roll.NO,students_  
LSE)  
write.csv(email_list,file = 'email_list.csv')
```