In\_class\_assignment\_class\_2 Answer Keys

FMSBA

Instructor-Nabanita Talukdar, *DBA*

(Graded as Complete/Incomplete)

1. Import the text file teach.txt into R and save it in R dataframe df4, print df4 (refer the hands-on problem 1)

df4<- read.table("teach.txt", header=TRUE, sep="\t")

df4

R output

const x1 x2 x3 y

1 1 3.88 8.05 3.49 9.27

2 1 6.13 9.44 2.94 10.02

3 1 4.49 6.54 5.00 10.10

4 1 5.42 8.67 2.86 9.03

5 1 6.16 9.57 3.26 11.97

6 1 4.97 8.53 3.05 10.21

7 1 4.47 8.20 3.38 10.65

8 1 3.90 10.27 4.00 11.63

9 1 6.33 9.34 4.74 12.96

10 1 3.93 8.06 1.41 9.08

11 1 4.30 8.35 2.30 9.08

12 1 4.06 8.39 2.07 11.06

13 1 5.95 8.16 3.83 11.26

14 1 4.99 10.59 3.19 10.94

15 1 3.73 10.12 3.13 10.85

16 1 5.17 8.28 3.46 10.12

17 1 4.02 7.68 3.59 9.83

18 1 5.01 8.11 3.10 9.43

19 1 6.09 9.60 5.27 11.81

20 1 4.88 9.42 3.65 9.62

1. Import the csv file generic.csv into R and save it in R dataframe df5, print df5 (refer hands-on problem 2)

#Both the codes are correct (i.e. read.table & read.csv)

df5<-read.table("generic.csv", header=TRUE, sep = ",")

df5

df5 <- read.csv("generic.csv",header=T)

df5

R output

const x1 x2 x3 y

1 1 3.88 8.05 3.49 9.27

2 1 6.13 9.44 2.94 10.02

3 1 4.49 6.54 5.00 10.10

4 1 5.42 8.67 2.86 9.03

5 1 6.16 9.57 3.26 11.97

6 1 4.97 8.53 3.05 10.21

7 1 4.47 8.20 3.38 10.65

8 1 3.90 10.27 4.00 11.63

9 1 6.33 9.34 4.74 12.96

10 1 3.93 8.06 1.41 9.08

11 1 4.30 8.35 2.30 9.08

12 1 4.06 8.39 2.07 11.06

13 1 5.95 8.16 3.83 11.26

14 1 4.99 10.59 3.19 10.94

15 1 3.73 10.12 3.13 10.85

16 1 5.17 8.28 3.46 10.12

17 1 4.02 7.68 3.59 9.83

18 1 5.01 8.11 3.10 9.43

19 1 6.09 9.60 5.27 11.81

20 1 4.88 9.42 3.65 9.62

1. Order factor overriding the default by specifying levels option in the order Lecturer, Assistant Professor, Professor. Store the data in the dataframe job and factor job in the levels specified above.

#refer hands\_on problem 3

job<-c("Professor", "Lecturer", "Assistant Professor")

job<-factor(job, order=TRUE, levels=c("Lecturer", "Assistant Professor", "Professor"))

job

R output

|  |
| --- |
| [1] Professor Lecturer Assistant Professor  Levels: Assistant Professor < Lecturer < Professor |
|  |
| |  | | --- | |  | |