Date:10/09/22

Course name:-Data warehousing and Data mining for medical applications

Course code:-CSA1654

Name of the student:-Ch.Indhu Priya

REG NO:-192111191

EXPERIMENT:1

@relation playing

@attribute condition {sunny,cloudy,raining}

@attribute temperature numeric

@attribute class{yes,no}

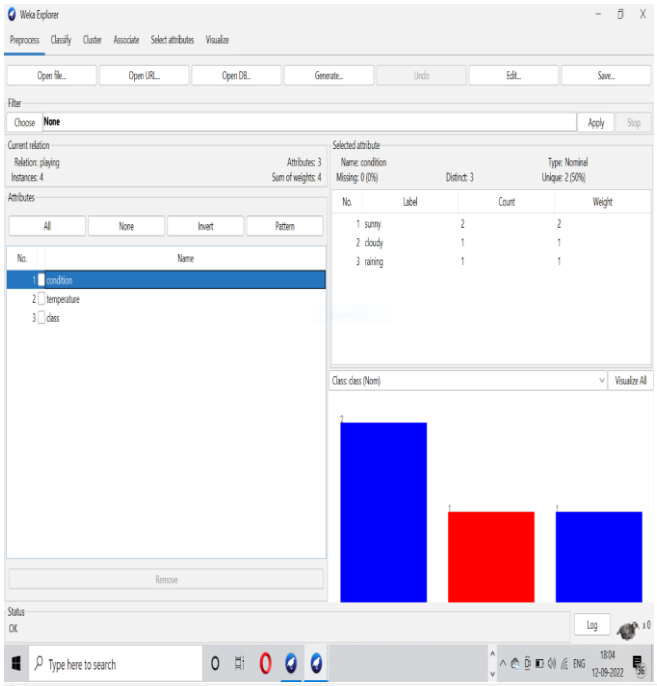
@data

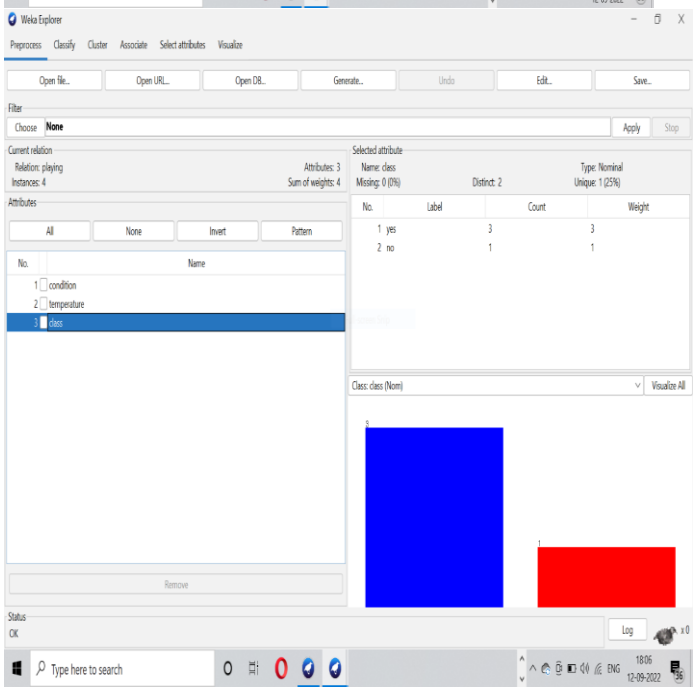
sunny 85 yes

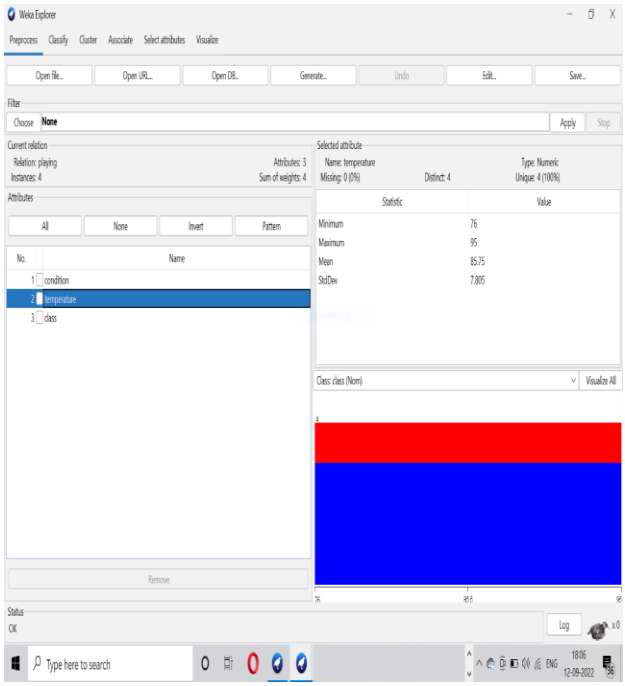
sunny 76 yes

cloudy 95 no

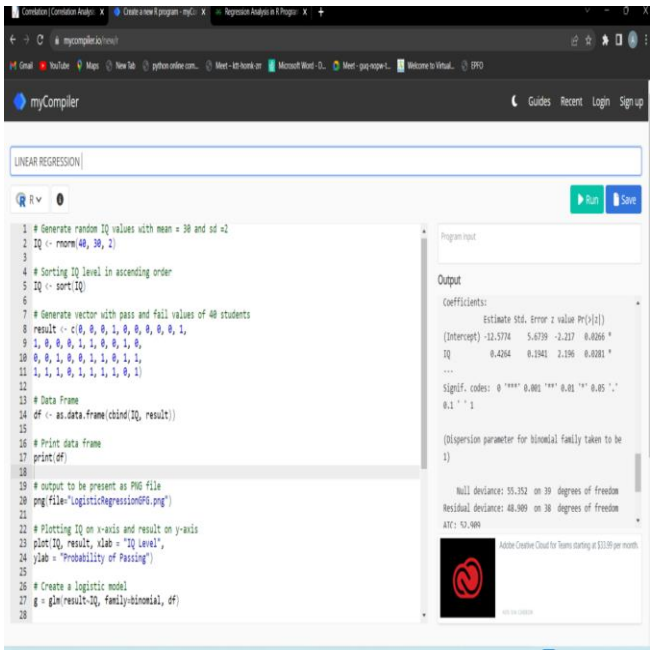
raining 87 yes

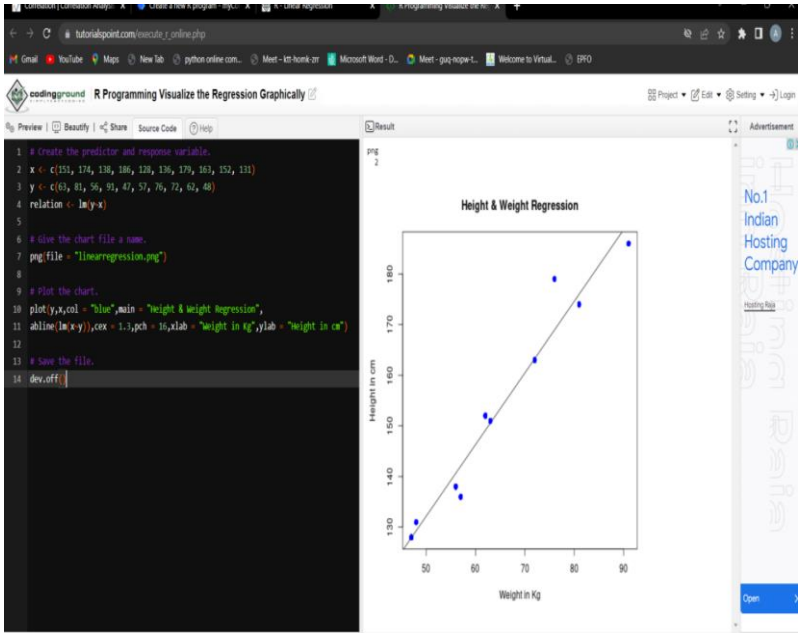

Weka Explorer
Preprocess Classify Cluster Associate Select attributes Visualize
Open file... Open URL... Open DB... Generate... Undo Edit... Save...
Filter
Choose None Apply Stop
Current relation
Relation: playing
Instances: 4
Attributes: 3
Sum of weights: 4
Selected attribute
Name: condition
Missing: 0 (0%)
Distinct: 3
Type: Nominal
Unique: 2 (50%)
Attributes
All None Invert Pattern
No. Name
1 condition
2 temperature
3 class
No. Label Count Weight
1 sunny 2 2
2 cloudy 1 1
3 raining 1 1
Class: class (Nom) Visualize All
Remove
Status
OK
Log
x 0
Type here to search
ENG
18:04
12-09-2022


Weka Explorer
Preprocess Classify Cluster Associate Select attributes Visualize
Open file... Open URL... Open DB... Generate... Undo Edit... Save...
Filter
Choose None Apply Stop
Current relation
Relation: playing
Instances: 4
Attributes: 3
Sum of weights: 4
Selected attribute
Name: class
Missing: 0 (0%)
Distinct: 2
Type: Nominal
Unique: 1 (25%)
Attributes
All None Invert Pattern
No. Name
1 condition
2 temperature
3 class
No. Label Count Weight
1 yes 3 3
2 no 1 1
Class: class (Nom) Visualize All
Remove
Status
OK
Log
x 0
Type here to search
ENG
18:06
12-09-2022



EXPERIMENT 2:-




tutorialspoint.com/execute_r_online.php
codingground
R Programming Visualize the Regression Graphically
Preview | Beautify | Share Source Code Help
Result
Advertisement
# Create the predictor and response variable.
x <- c(151, 174, 138, 186, 128, 136, 179, 163, 152, 131)
y <- c(63, 81, 56, 91, 47, 57, 76, 72, 62, 48)
relation <- lm(y~x)
# Give the chart file a name.
png(file = "linearregression.png")
# Plot the chart.
plot(y,x,col = "blue",main = "Height & Weight Regression",
abline(lm(x~y)),cex = 1.3,pch = 16,xlab = "Weight in Kg",ylab = "Height in cm")
# Save the file.
dev.off()
Height & Weight Regression
Height in cm
Weight in Kg
130
140
150
160
170
180
50
60
70
80
90
No.1
Indian
Hosting
Company
Open