Valiveti Manikanta Bhuvanesh

19BCD7088

L55+L56

book\_title<-c("An Autobiography","An idealist View of Life","Arion and the Dolphin","Arthashastra")

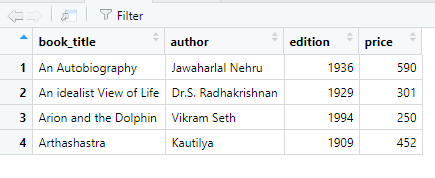
author<-c("Jawaharlal Nehru","Dr.S. Radhakrishnan","Vikram Seth","Kautilya")

edition<-c(1936,1929,1994,1909)

price<-c(590,301,250,452)

d1<-data.frame(book\_title,author,edition,price)

View(d1)



std\_id<-c(7088,7036,7110,7056,7159,7032,7087,7065,7045,7055)

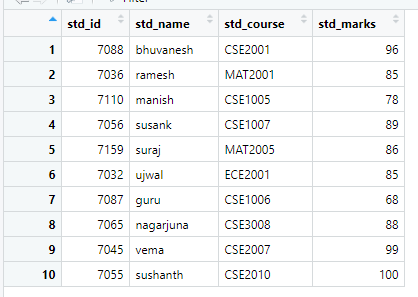
std\_name<-c("bhuvanesh","ramesh","manish","susank","suraj","ujwal","guru","nagarjuna","vema","sushanth")

std\_course<-c("CSE2001","MAT2001","CSE1005","CSE1007","MAT2005","ECE2001","CSE1006","CSE3008","CSE2007","CSE2010")

std\_marks<-c(96,85,78,89,86,85,68,88,99,100)

d2<-data.frame(std\_id,std\_name,std\_course,std\_marks)

View(d2)



mean(d2$std\_marks)

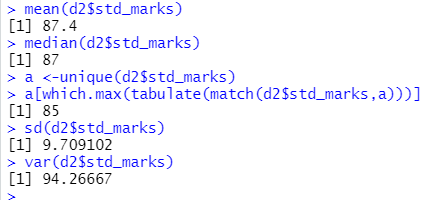
median(d2$std\_marks)

a <-unique(d2$std\_marks)

a[which.max(tabulate(match(d2$std\_marks,a)))]

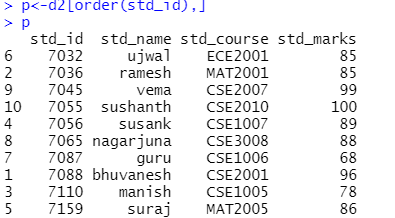
sd(d2$std\_marks)

var(d2$std\_marks)



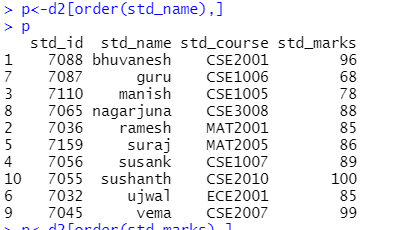
p<-d2[order(std\_id),]

p



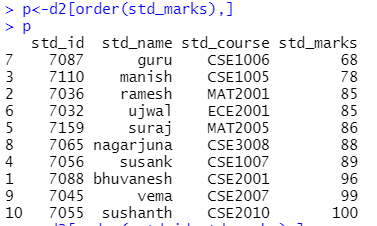
p<-d2[order(std\_name),]

p



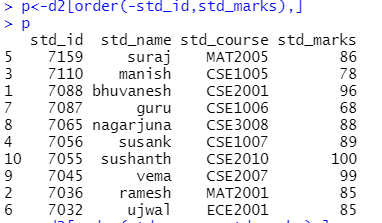
p<-d2[order(std\_marks),]

p



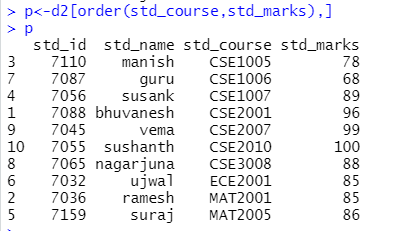
p<-d2[order(-std\_id,std\_marks),]

p



p<-d2[order(std\_course,std\_marks),]

p



SID<-c(29,34,56,12,30,31,52,48,26,18)

SName<-c("Raman","Wipro","Karan","Dell","Rosy","Smith", "John","Smitha" ,"Khan","Bajaj")

Gender<-c("Male","Male","Male" ,"Female","Female","Male" ," Male","Female","Male" ,"Male")

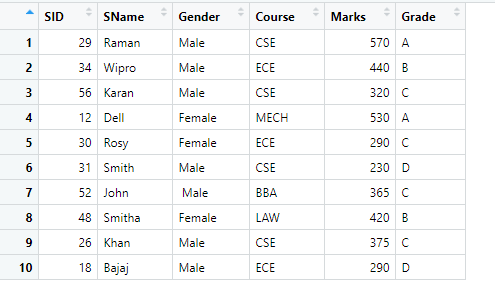
Course<-c("CSE","ECE","CSE","MECH","ECE","CSE" ,"BBA","LAW", "CSE","ECE")

Marks<-c(570,440,320,530,290,230,365,420,375,290)

Grade<-c("A","B","C","A","C","D","C","B","C","D")

d3<- data.frame(SID,SName,Gender,Course,Marks,Grade)

View(d3)



mean(d3$Marks)

median(d3$Marks)

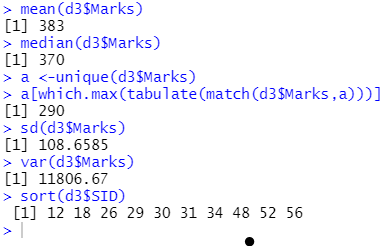
a <-unique(d3$Marks)

a[which.max(tabulate(match(d3$Marks,a)))]

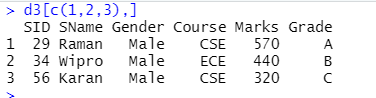
sd(d3$Marks)

var(d3$Marks)

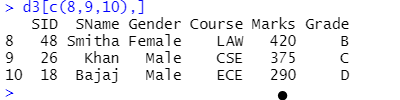
sort(d3$SID)



d3[c(1,2,3),]



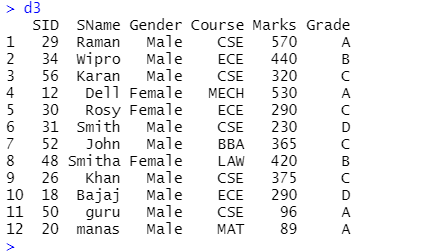
d3[c(8,9,10),]



new<-data.frame(SID=c(50,20), SName=c("guru","manas"), Gender=c("Male","Male"), Course=c("CSE","MAT"), Marks=c(96,89), Grade=c("A","A"))

d3<-rbind(d3,new)

d3



d3$City<-c("Bengaluru","Pune","Ahmedabad","Chennai","Surat","Navi Mumbai","Coimbatore","Vadodara","Indore","Greater Mumbai","Hyderabad","vijayawada")

d3

