**Bank Dataset**

#display the salary and job of the people whose balance is less than 10000

#Display the salary of the people who have taken loan, over the age of 28.

#Information about number of people - issued credit card

#Information about attributes for person with maximum age

#calculate the mean age and salary of divorced people.

#Add a coulmn descision(if person is maried and salary>60000 )||(if person is

#single and salary>40000 and education is tertiary) ||(if person is divorced and

#salary>50000 and education is tertiary) then eligible (y for elidgble and n for

#not)

bank <- read.csv("bank.csv")

print("DATASET")

#View(bank) opens the file in the new tab

print(bank)

print("Type of dataset")

print(class(bank))

print(mode(bank))

print(typeof(bank))

attach(bank)

print("Number of people who have taken loan based on their marital status, single and married separately ")

print("Married")

print(nrow(bank[(marital=="married") & (loan=="yes"),]))

print("Single")

print(nrow(bank[(marital=="single") & (loan=="yes"),]))

print("The salary and job of the people whose balance is less than 10000")

print(bank[which(salary<10000),c("age","salary")])

print("The salary of the people who have taken loan, over the age of 28")

print(bank[which(age>28),c("salary")])

print("Information about number of people - issued credit card")

print(bank[which(y=="yes"),])

print("Information about attributes for person with maximum age")

print(bank[which(age==max(age)),])

print("Mean age of divorced people")

print(mean(bank[which(marital=="divorced"),c("age")]))

print("Mean salary of divorced people")

print(mean(bank[which(marital=="divorced"),c("salary")])) #remove na

bank=cbind(bank,"Eligible for credit\_card"=((bank$marital=="married" & bank$salary>60000) |(bank$marital=="single" & bank$salary>40000 & bank$education=="tertiary")|(bank$marital=="divorced" & bank$salary>50000 & bank$education=="tertiary")) )

print(bank)