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Class Rollno - 24

MCA -'C' [st Sem [st year

SL 4 R - End term Practical

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Class Roll no - 24 Ankel Rawat 21711100 MCA-C (Student ID) R Programming 3. Analyzing CSVFile getting and setting the working directory # get and Print working directory. prind(getud ()) # Set current working directory. set and ("/web/com") # Get and print coverent working directory. print (getud ()) # Input as CSVFile - input.csv # Read a CSUFile data <- read. csv ("input. csv") print (data) # Analyzing the CSV File data a read. csv("input. csv") print (is. data. frame (data)) print (ncol(data)) print (nrow (data)) # create a data prame. datal-read.csv("input.csv") # get the max salary from data frame. sal (- max (data & salary)

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print(sal)

retval <- subset data, salary == max(salary))

print (retval)

# write biltered data into new file.
write. csv (retval, "output.csv")
netvdata <- read. csv ("output.csv")
print (rewdata)

Class Roll no - 24 Ankel Rawat 21711100 (Student ID) MCA-C R programming Descriptine statistics are used to describe the characteristics or features of a dataset. The term' descriptine statistics can be used to describe both individual quantative observations as well as the overall process of obtaining insights from these data. Mean: The average value of all the data points. Median: The central or middle value in the Mode: The value that appears most often in the Standard deviation: His shows high standard deviation : suggets that the values are more broadly spread out.

Minimum and maximum values: There are the highest and lowest values in a dataset or quarticle.

Range: This measures the size of the distribution

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## Inferential Statistics

Inferential statistics focus on making generalizations about a larger population bosed on a representative sample of that population.

Bleause inferential statistics focuses on making prediction ( rether than stating facts) its result are usually in the form of a prabability. Confidence intervals are used to estimate certain parameters for a measurement of a population based on sample data.

Rather than providing a single mean value, the confidence Interval provides a range of values. This is often given as a percentage pegression and correlation analysis are both techniques used for observing how two or more sets of variables relate to one another. correlation analysis, measures the degree of association between two or more detasets.