Name-Jay Karki Lourse-McA'B'. Pubject-R Programming. Roll no-66

Ans 3+

- · Shampoo Sales. Csv
- · Selecting Working itrectory
- · Setwel ("C: \ users \ Jay / focument")
- · heading of . CSV file.

 my clata 1 C-read . CSV ("Shampoo .. Sales . CSV").

ar and the

- · Installing ggplot package istall , lackage (" ggplot 2")
- · Using ggplat () dibrary library (ggplat 2)
- Histogram
 ggplot (mydata 1, as (y= Sales, x= month)) +
 g earn_bau (stat = "identify")
- · lie chart

 gg plot (my data 1, aus (y="", file= salu, k=month))+

 gearn bou (width=1, stat="identity")+

 coord_polar("k"; start=0)

· box plat gg plot (my data 1, aes (n= Month, y= Sales)). gearn = boxplot (). · Scatter Platting 98 plot (my data 1, as (n=month, y= sales))+ geam. point (Ans 4. + Minimum min (my data 1\$ sale) (1) 119.3 Maximum max (mydata is salus) [1] 682 Mcan mean (my data 1 \$ sales) (1) 312.6 Median median (my data 1 \$ sales) [1] 280.15. duantile. quantile (my data 1 \$ sales, 0.75) quantile (my data , \$ sales, 0.25) standard deviation sd (my data 1\$ sales)

(1) 148,9372.

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Vailmy data 1 \$ sales)

(1) 22102.28.

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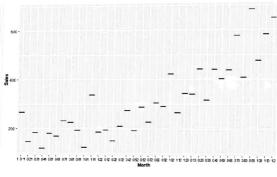
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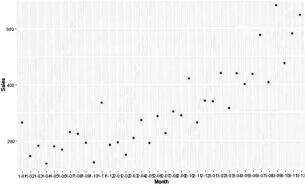
which is a referred to the

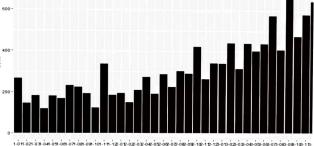
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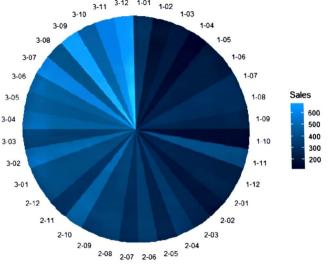
Edulation * to the graph of the







Month



```
> min(mydata1$5ales)
[1] 119.3
> max(mydata1$Sales)
T17 682
> mean(mvdata1$Sales)
[1] 312.6
> median(mydatal$Sales)
[1] 280.15
> quantile(mydata1$5ales.0.75)
  75%
411.1
> quantile(mvdata1$Sales.0.25)
   25%
192.45
> sd(mydata1$Sales)
[1] 148.9372
> var(mydata1$Sales)
[1] 22182.28
> summary(mydata1)
```