04/11/2020

LAB - 6
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DSR LAB

K. Lakshmi Sai Priya
IBM17CS036
7A, A2 batch

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* 5)a) Using the dataset Cabbage. Exp (imported from library gcookbook) Create a bargraph as shown.

* Program:-

```
library (ggplot 2)
install. packages ("gcookbook")

library (gcookbook)

Cabbage - exp
ggplot (Cabbage - exp, aes (x = Date, y = Weight, fill = Cultivar))
+ geom_bar (stat = "identity", position = "dodge") +
geom _ text (aes (label = Weight), vjust = 1.5, Colour = "white",
position = position - dogdge (.9), size = 3)
```

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* 6)b)

Create a dotchart from the Mtcars which is loaded from ggplot2 package. Plot the Y axis by naming the different types of Mtcars against MPG values against x-axis.

* Program:-

```
library (ggplot 2)
head (mtcars)
View (mtcars)
dotchart (mtcars $mpg , labels = row.names (mtcars),
    cex = 0.7, xlab = "MPG", main = "Miles Per Gallon of Car")
```