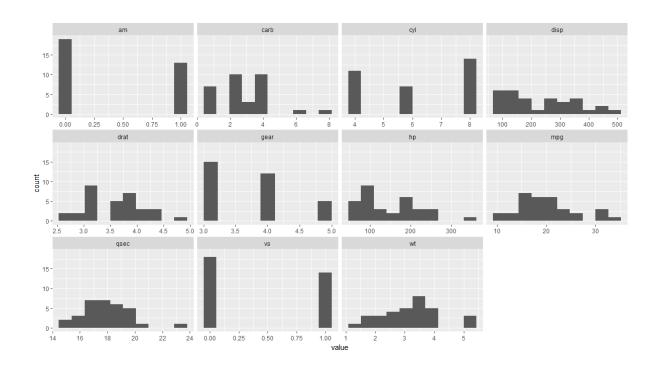
Assignment - 1

Session 7 – Basic Statistics

1. Histogram for all variables in a dataset mtcars. Write a program to create histograms for all columns.



2. Check the probability distribution of all variables in mtcars.

Ans:

```
> cars_auto = subset(mtcars, am == 0)
> cars_gear = subset(mtcars, am == 1)
> dim(mtcars)
[1] 32 11
> > dim(cars_auto) ; dim(cars_gear)
Error: unexpected '>' in ">"
> dim(cars_auto) ; dim(cars_gear)
```

3. Write a program to create boxplot for all variables.

Ans: