

# DATA607-Subsetting

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## SUBSETTING

### R 101: The Subset Function

R-bloggers R101 The Subset Function

```
numvec = c(2,5,8,9,0,6,7,8,4,5,7,11)
charvec = c("David","James","Sara","Tim","Pierre","Janice","Sara","Priya","Keith","Mark","Apple","Sara")
gender = c("M","M","F","M","M","M","F","F","F","M","M","F")
state = c("CO","KS","CA","IA","MO","FL","CA","CO","FL","CA","WY","AZ")
```

```
subset(numvec,numvec > 7)
subset(numvec, numvec < 9 & numvec > 4)
subset(numvec, numvec < 3 | numvec > 9)
```

```
df = data.frame(var1 = c(numvec), var2 = c(charvec), gender = c(gender), state = c(state))
```

```
subset(df, var1 < 5)
subset(df, var2 == "Sara")
subset(df, var1==5, select=c(var2, state))
subset(df, var2 != "Sara" & gender == "F" & var1 > 5)
```

### Including Plots

You can also embed plots, for example:

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.