TwoSampleTTest.Rmd

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When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
# Make mockup of MPG data
data(sleep)
str(sleep)
## 'data.frame':
                     20 obs. of 3 variables:
    $ extra: num 0.7 -1.6 -0.2 -1.2 -0.1 3.4 3.7 0.8 0 2 ...
## $ group: Factor w/ 2 levels "1", "2": 1 1 1 1 1 1 1 1 1 1 1 ...
## $ ID : Factor w/ 10 levels "1","2","3","4",..: 1 2 3 4 5 6 7 8 9 10 ...
mpg <- sleep$extra</pre>
am <- as.integer(sleep$group)</pre>
car <- as.integer(sleep$ID)</pre>
mock <- as.data.frame(cbind(mpg, am, car))</pre>
str(mock)
## 'data.frame':
                     20 obs. of 3 variables:
## $ mpg: num 0.7 -1.6 -0.2 -1.2 -0.1 3.4 3.7 0.8 0 2 ...
    $ am : num 1 1 1 1 1 1 1 1 1 1 ...
## $ car: num 1 2 3 4 5 6 7 8 9 10 ...
mock\mbox{mpg} \leftarrow 15 + (mock\mbox{mpg} * 4)
mock$am <- factor(mock$am, labels = c("automatic", "manual") )</pre>
mock$car <- factor(mock$car)</pre>
```

Paired versus independent

```
library(ggplot2)

##
## Attaching package: 'ggplot2'
##
## The following object is masked _by_ '.GlobalEnv':
##
## mpg
```



