

R Workshop 1

- Open Rstudio
- Look at panels
- Add a comment
- $1+2+3$
- `a <- 12`
- `b = 13`
- `c <- a * b`
- `date()`
- `ls()`

- `getwd()`
- `setwd(dir=".../.../...")`
- `save.image("state.RData")`
- `q()`
- `load("state.RData")`
- `ls()`
- `library()`
- `data()`
- `data("LakeHuron")`
- `?LakeHuron`

- `mean(LakeHuron)`
- `sd(LakeHuron)`
- `summary(LakeHuron)`
- `plot(LakeHuron)`
- `data("cars")`
- `?cars`
- `summary(cars)`
- `cor(cars)`
- `plot(cars)`

```
myfunc <- function() { mean(c  
(1,2,3,4,5,6,7,8,9,10)) }  
myfunc()
```

```
x <- c(1,2,3,4,5)  
y <- c(3,4,5,6,7)  
linmodel <- lm(y~x)  
linmodel  
plot(linmodel)
```

```
chooseCRANmirror()  
install.packages("bigmemory")
```

```
library("bigmemory")
```

- Look at Packages tab in Rstudio