Practical Exercises for Day 1

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Exercise 1

- Open R Studio
- Open a new R-Script
- Load data set chickwts

```
data(chickwts)
head(chickwts)
# ?chickwts
```

Do summary statistic (numerically and graphically)

• For advanced R users: Try an anova (are the assumptions fulfilled?) and a Tukey-Anscombe plot.

Try a histogram with a density line on top. ...

```
lm.mod <- lm(weight ~ feed, data = chickwts)
summary(lm.mod)
anova <- aov(weight ~ feed, data = chickwts)
TukeyHSD(anova)
summary(anova)
par(mfrow=c(2,2))
plot(lm.mod)</pre>
```