Exercise_2_4_ikke_rmarkdown.R

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#Opgave 1

```
library(resampledata3)
```

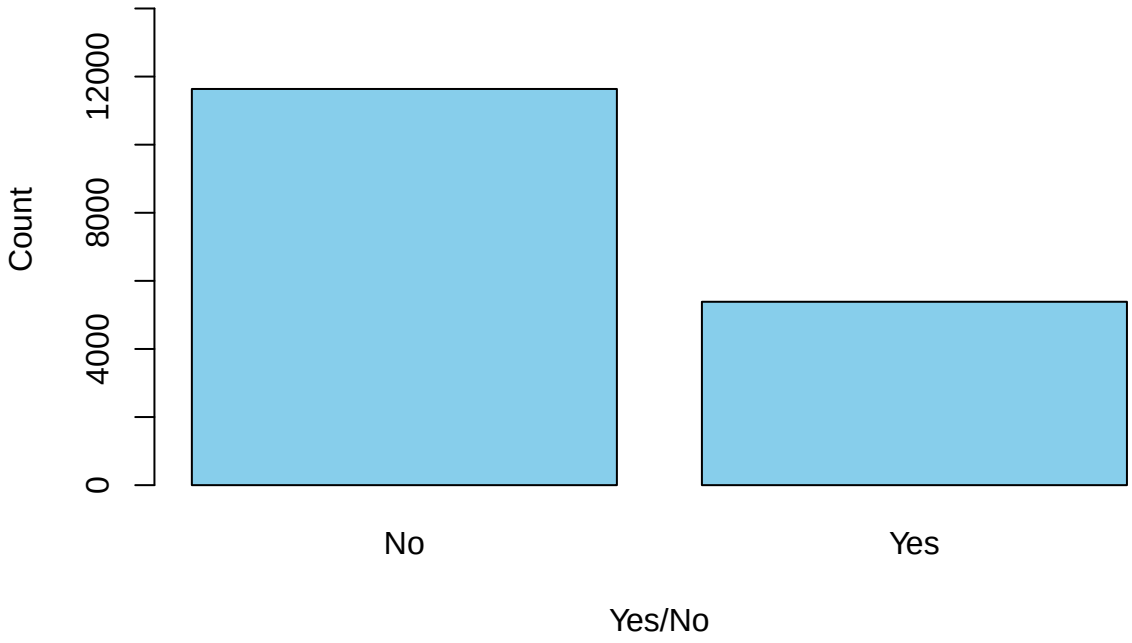
```
##
## Vedhæfter pakke: 'resampledata3'

## Det følgende objekt er maskeret fra 'package:datasets':
##
##     Titanic
```

```
table(Recidivism$Recid)
```

```
##
##    No   Yes
## 11636  5386
```

```
barplot(table(Recidivism$Recid), col="skyblue", ylab="Count", xlab="Yes/No", ylim=c(0,15000))
```



#Opgave 2

```
recidivism_by_age <-table(Recidivism$Age25, Recidivism$Recid)
recidivism_by_age
```

```
##
##              No  Yes
##   Over 25  9679 4263
##   Under 25 1954 1123
```

```
recidivism_by_age[2,1] / (recidivism_by_age[2,1] + recidivism_by_age[2,2])
```

```
## [1] 0.6350341
```

```
recidivism_by_age[1,1] / (recidivism_by_age[1,1] + recidivism_by_age[1,2])
```

```
## [1] 0.6942333
```

#Opgave 3 Lav side-om-side boxplots over antallet af dage til recidiv grupperet efter type af overtrædelse, og lavv tre sammenlignende udsagn om fordelingerne.

```
days_to_recidivism_by_type <-data.frame(Recidivism$Offense, Recidivism$Days)
boxplot(Recidivism$Days ~ Recidivism$Offense,
```

```
        data = days_to_recidivism_by_type,
        main = "Comparison of offense type and days until recidivism",
        xlab = "Offense type",
        ylab = "Days to recidivism")
```