

RWorksheet_Camiña#3b

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```
install.packages("dplyr")
library(dplyr)
library(tidyverse)
```

#1.

#1.a

```
Respondents <- c(seq(1,20))
Sex <- c(2,2,1,2,2,2,2,2,2,2,1,2,2,2,2,2,2,1,2)
Father_Occupation <- c(1,3,3,3,1,2,3,1,1,1,3,2,1,3,3,1,3,1,2,1)
Persons_Home <- c(5,7,3,8,5,9,6,7,8,4,7,5,4,7,8,8,3,11,7,6)
Siblings_School <- c(6,4,4,1,2,1,5,3,1,2,3,2,5,5,2,1,2,5,3,2)
Type_Houses <- c (1,2,3,1,1,3,3,1,2,3,2,3,2,2,3,3,3,3,3,2)
```

```
data_display <- data.frame(Respondents,Sex,Father_Occupation,Persons_Home,Siblings_School,Type_Houses)
```

#1.b

```
summary(data_display)
```

#1.c

```
#Answer: No
```

#1.d

```
data1 <- subset(data_display[1:2, 2:6, drop=FALSE])
data1
```

#1.e

```
data2 <- subset(data_display[c(3,5), c(2,4)])
data2
```

#1.f

```
data3 <- data_display[c(6)]
data3
```

#1.g

```
data4 <- subset(data_display[c(3,11), c(2,3)])
data4
```

#1.h

```
data5 <- subset(data_display[c(1:20), c(2:5)])
female <- data5[data_display$Siblings_School >= 5,]
female
```

#2.

```
df = data.frame(Ints=integer(),
                 Doubles=double(), Characters=character(),
                 Logicals=logical(),
                 Factors=factor(),
                 stringsAsFactors=FALSE)
print("Structure of the empty dataframe:")
print(str(df))
```