project1

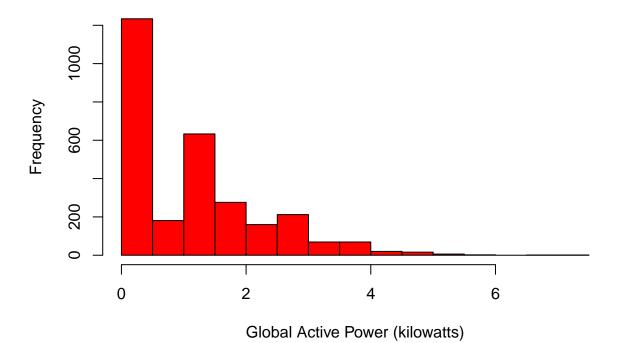
```
if(!require(tidyverse)) install.packages("tidyverse")
library(tidyverse)
if(!require(purrr)) install.packages("purrr")
library(purrr)

fname=dir(pattern = "txt$")
data_raw=read.table(fname,header = TRUE, sep = ";",na.strings="?")

data=data_raw %>%
   mutate(Date=as.Date(Date,"%d/%m/%Y")) %>%
   filter(Date>="2007-02-01" & Date<="2007-02-02")</pre>
```

Plot 1

Global Active Power

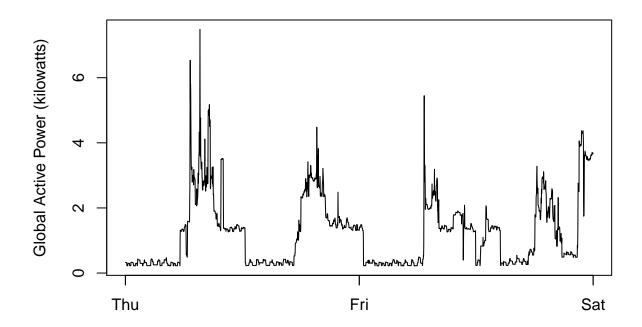


```
png("plot1.png", width=480, height=480)
plot1()
```

```
dev.off()
```

```
## pdf
## 2
```

Plot 2

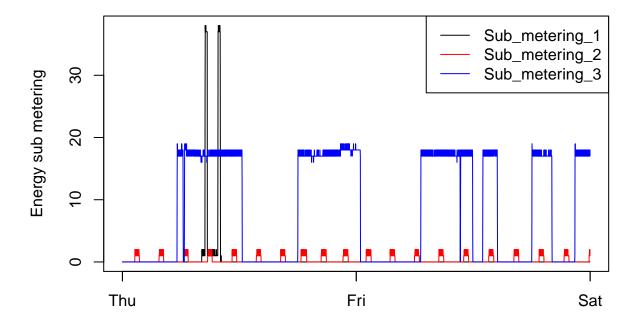


```
png("plot2.png", width=480, height=480)
plot2()
dev.off()

## pdf
## 2
```

Plot 3

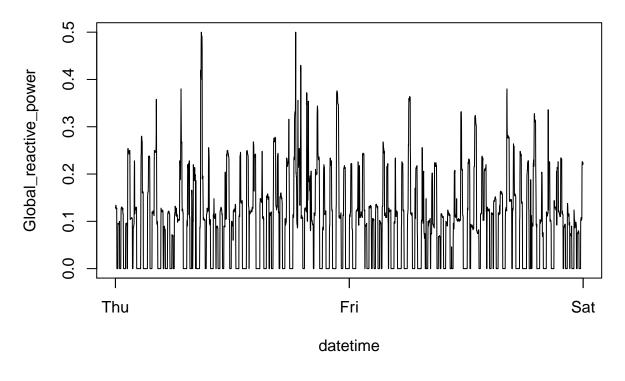
```
plot3=function(){
plot(data$datetime,data$Sub_metering_1,type="l",
```



```
png("plot3.png", width=480, height=480)
plot3()
dev.off()

## pdf
## 2
```

Plot 4



```
png("plot4.png", width=480, height=480)
par(mfrow=c(2,2))
for(i in 1:4) get(paste0("plot",i))()
dev.off()
```

pdf ## 2