Data Cleaning

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```r
library(tidyverse)
library(data.table)
```

```r
data_import <- read.csv("data_cleaning_challenge.csv")
```

```r
data_nonull <- data_import %>%
  select(-c(X,X.1)) %>%
  filter(Row.Type !="")
```

```r
data_iter <- data_nonull
```

```r
x <- 0
for(i in 1:nrow(data_iter)){
   if(data_iter$Row.Type[i] %like% 'first name'){
     x <- x + 1
   }
   data_iter$Iteration[i] <- x
}
```

```r
data_left <- data_iter %>%
  select(c(1:3,Iteration)) %>%
  filter(Row.Type %like% 'first name') %>%
  rename('First Name' = Row.Type,
         'Last Name' = Iter.Number,
         'Date' = Power1)
```

```r
data_right<- data_iter %>%
  filter(!str_detect(Row.Type, 'first name')) %>%
  filter(Row.Type != "Row Type")
```

```r
data_final <- left_join(data_left, data_right,
                        by ="Iteration")
```