FML_Assignment1

2023-09-05

Dataset Source (https://www.kaggle.com/datasets/abdurrahman22224/smartphone-new-data)

imported Dataset into R

```r
var1 <- read.csv("smartphone_cleaned_v5.csv")
```

descriptive statistics for a selection of quantitative and categorical variables.

"'{r}fd

#descriptive statistics summary(var1)

#quantitative Variables summary(var1$price)$summary(var1$rating)$ summary(var1$num_cores)$summary(var1$primary\_camera$ summary(var1$primary_camera_front)$summary(var1$extended\_memory\_available)$ summary(var1$num_rear_cameras)$summar

#categorical variables summary(var1$brand_name)$summary(var1$model)$ summary(var1$has_5g)$summary(var1$has\_nfc)$ summary(var1$has_ir_blaster)$summary(var1$processor\_brand)$

```
# Transform at least one variable. It doesn't matter what the transformation is in R Studio
```
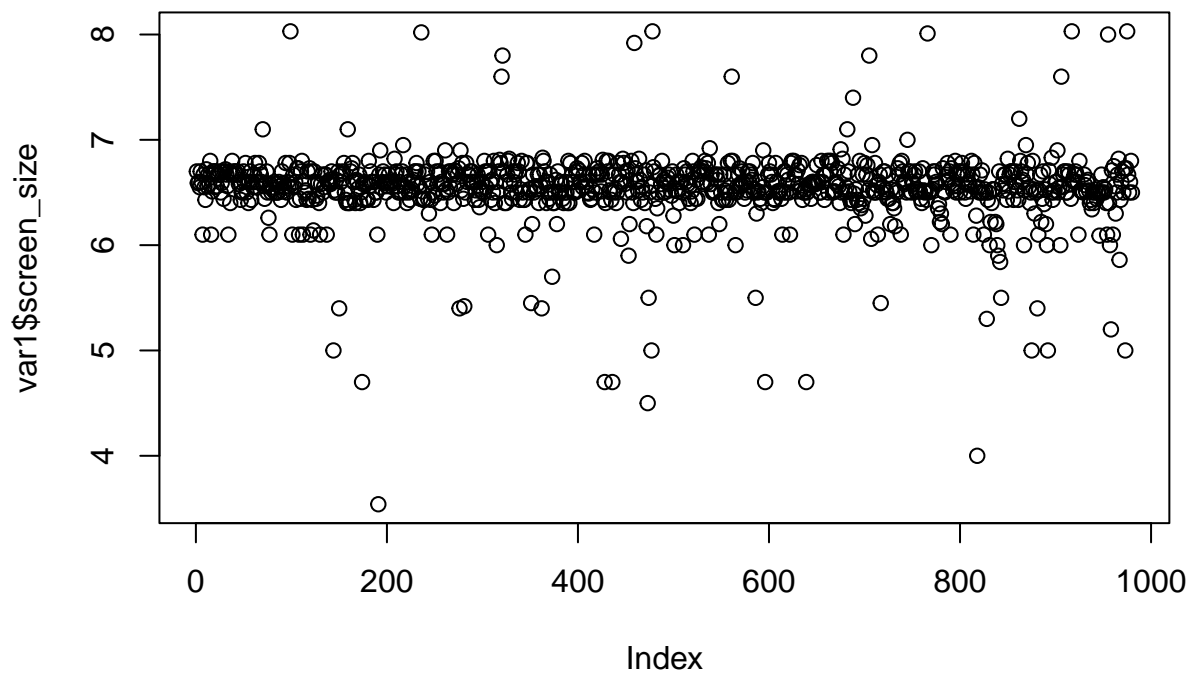
'''r
var1$model <-log(var1$price)
summary(var1$model)

Min. 1st Qu. Median Mean 3rd Qu. Max.
8.160 9.473 9.903 10.032 10.477 13.385

#Plot at least one quantitative variable, and one scatterplot

```r
plot(var1$screen_size)
```

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```
library(car)
```

```
## Loading required package: carData
```

```
scatterplot(price~rating,data=var1)
```