

# Econ-5253

## Problem Set 6

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Due by Mar 12th, 2024

Question : Find some data that interests you and clean it.

I found movie rating data including in name, rating, genre, year, released, score, votes, director, writer, star, country, bud

But, I just need information such as name, genres, score, budget, gross. So, I cleaned the data which means I deleted some information such as year, released, votes, director, writer, star, country in this data.

Question : what is the code for cleaning data?

```
setwd("~/Users/mieonseong/Downloads")
```

read .csv file

```
data <- read.csv("movies.csv")
```

drop some columns of the data

```
data <- data[, -c(2, 4, 5, 7, 8, 9, 10, 11, 14, 15)]
```

drop rows with NA

```
data <- na.omit(data)
```

**Relationship between Budget and Gross**

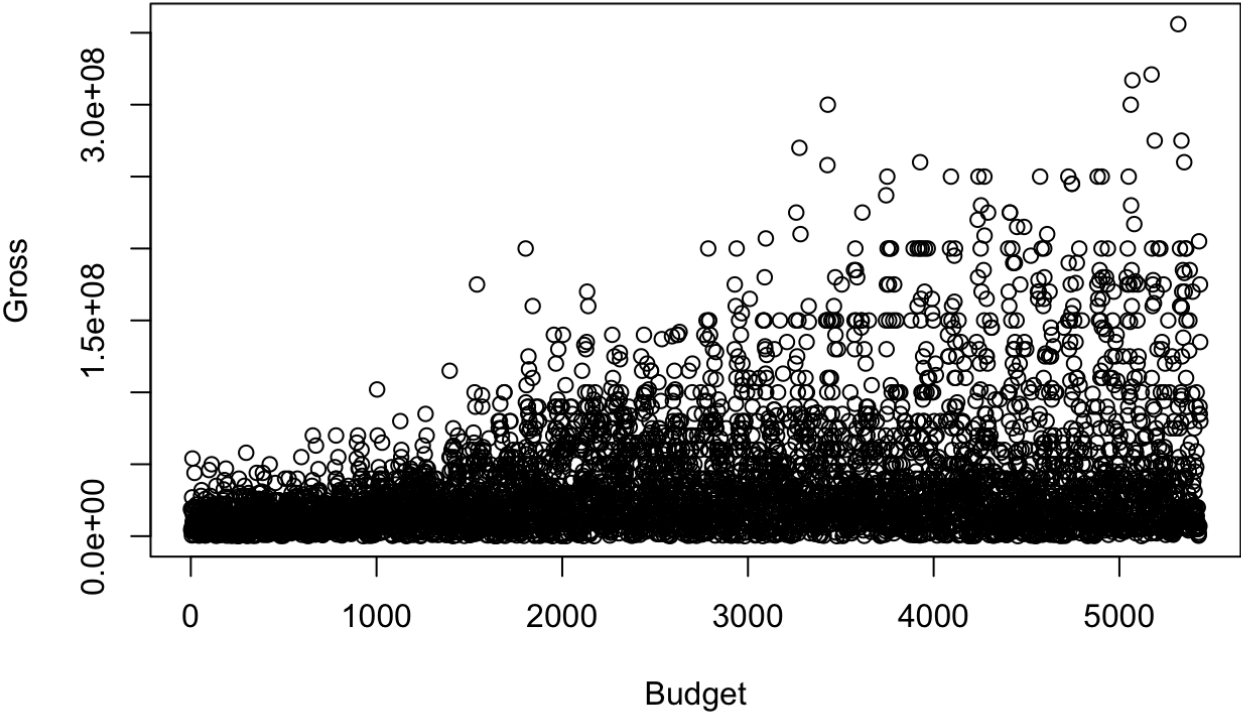


Figure 1: PS6a

**Relationship between Budget and Score**

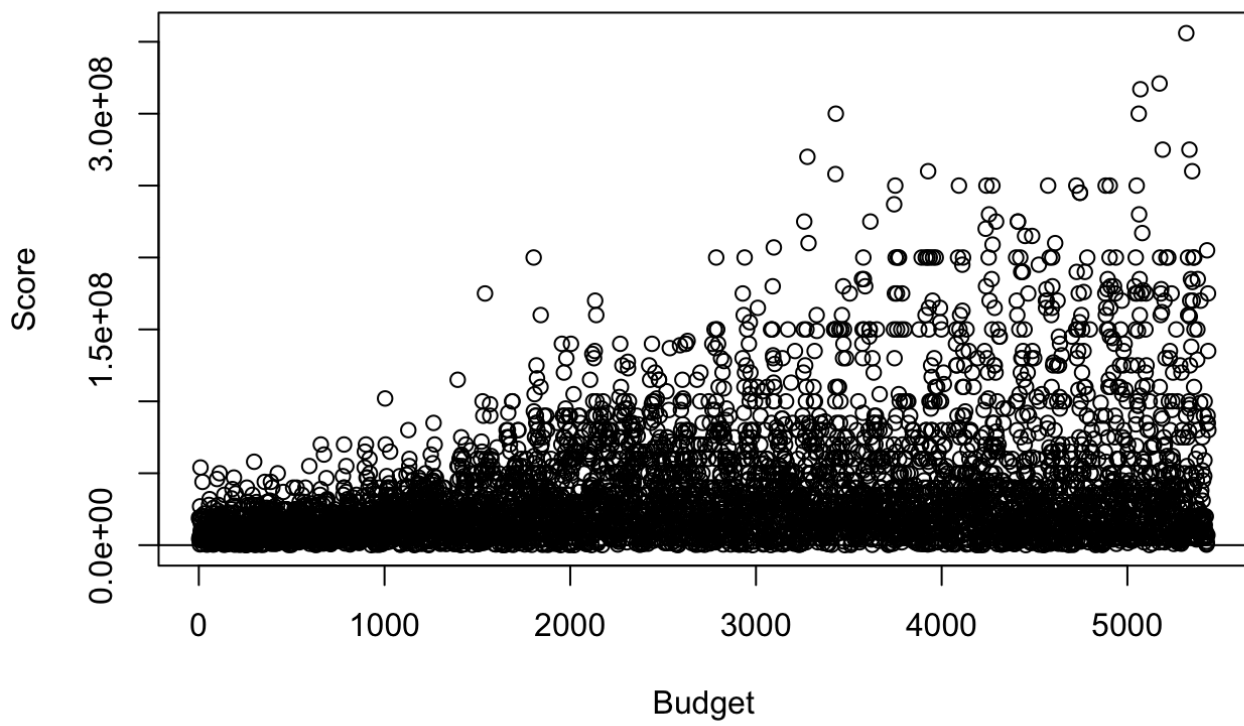


Figure 2: PS6b

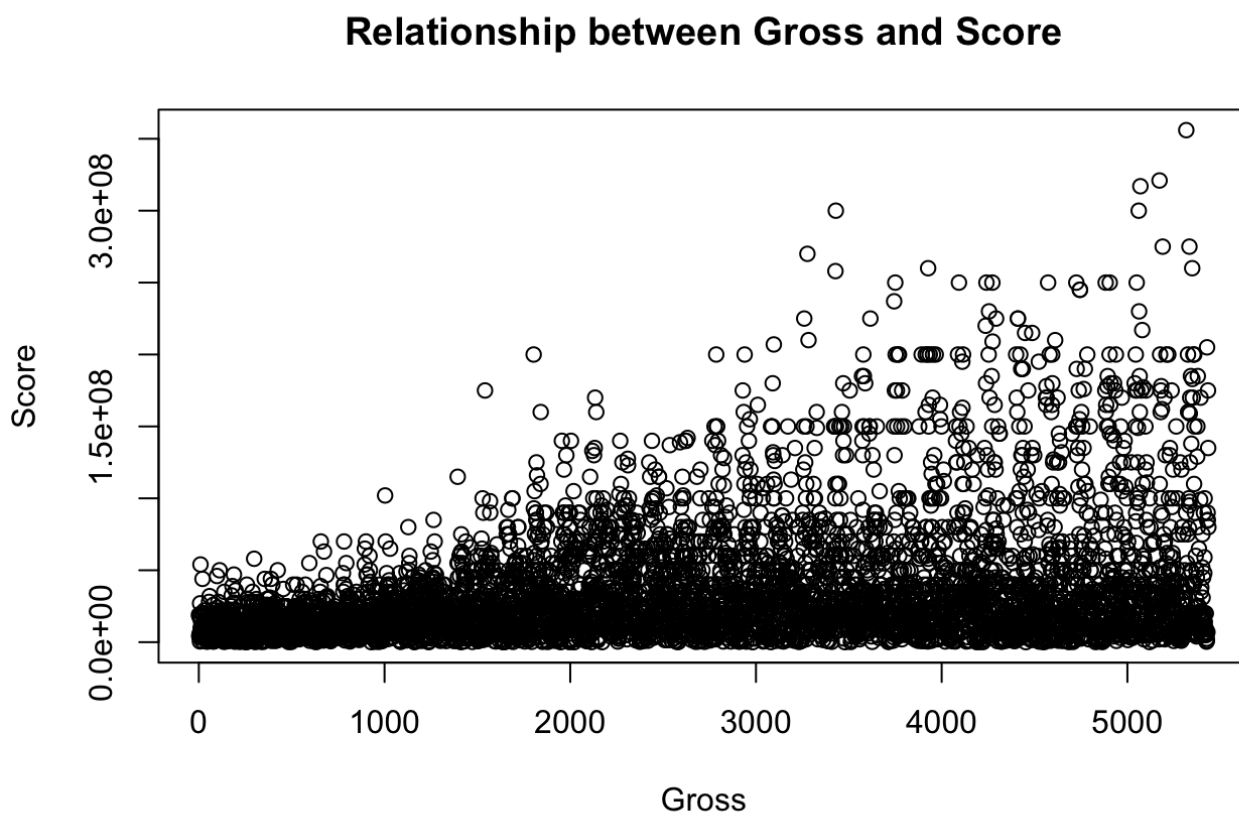


Figure 3: PS6c