Proyecto 1

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```
##
## Adjuntando el paquete: 'dplyr'

## The following objects are masked from 'package:stats':
##
##     filter, lag

## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

Analisis Exploratorio

Resumen del conjunto de datos

```
## sum
## 1st Qu.:        0      1st Qu.:    13    1st Qu.:   14.578      1st Qu.:   1.000
##                    1                  1                   1                       1
##     1st Qu.:  120      1st Qu.: 12286      1st Qu.: 2.000      1st Qu.: 5.900
##                    1                  1                   2                       1
##     1st Qu.: 90.0   1st Qu.:0.000e+00      3rd Qu.:    36   3rd Qu.:    40.654
##                    1                  1                   1                       1
##   3rd Qu.:  2.000      3rd Qu.: 1316   3rd Qu.: 20000000      3rd Qu.: 3.000
##                    1                  1                   1                       1
##   3rd Qu.: 4.000      3rd Qu.: 7.200      3rd Qu.:113.0   3rd Qu.:4.480e+07
##                    1                  1                   1                       1
##   3rd Qu.:452022   Class :character      FALSE:9430      Length:10000
##                    1                 15                   1                      15
##   Max.   :10.000   Max.   :11474.647   Max.   :155.000      Max.   :16.000
##                    1                  1                   1                       1
## Max.   :2.847e+09      Max.   :30788   Max.   :380000000      Max.   :750.0
##                    1                  1                   1                       1
##   Max.   :89.000      Max.   :919590      Max.   :922260   Mean   :    51.394
##                    1                  1                   1                       1
##   Mean   : 1.751      Mean   : 2148      Mean   : 1342   Mean   : 18551632
##                    1                  1                   1                       1
##   Mean   : 2.596      Mean   : 3.171      Mean   : 6.483      Mean   :100.3
##                    1                  1                   1                       1
##   Mean   :249877   Mean   :5.674e+07      Median :   21   Median :   21.906
##                    1                  1                   1                       1
```

```
## Median :  500000     Median :  1.000      Median :  415      Median : 3.000
##                 1                  1                     1                      2
##    Median : 6.500   Median :1.631e+05      Median :100.0     Median :152558
##                 1                  1                     1                      1
## Min.   :       0     Min.   :     0     Min.   :     5     Min.   :     1
##                 1                  1                     1                      1
## Min.   :   4.258      Min.   : 0.0     Min.   : 0.000     Min.   : 0.000
##                 1                  1                     1                      2
##    Min.   : 1.300   Min.   :0.000e+00    Mode  :character    Mode :logical
##                 1                  1                    15                     1
##     NA's :486           TRUE :84
##                 1                  1              1
```

Tipo de cada variable

	Variable	Tipo
id	id	integer
budget	budget	integer
genres	genres	character
homePage	homePage	character
productionCompany	productionCompany	character
productionCompanyCountry	productionCompanyCountry	character
productionCountry	productionCountry	character
revenue	revenue	numeric
runtime	runtime	integer
video	video	logical
director	director	character
actors	actors	character
actorsPopularity	actorsPopularity	character
actorsCharacter	actorsCharacter	character
originalTitle	originalTitle	character
title	title	character
originalLanguage	originalLanguage	character
popularity	popularity	numeric
releaseDate	releaseDate	character
voteAvg	voteAvg	numeric
voteCount	voteCount	integer
genresAmount	genresAmount	integer
productionCoAmount	productionCoAmount	integer
productionCountriesAmount	productionCountriesAmount	integer
actorsAmount	actorsAmount	integer
castWomenAmount	castWomenAmount	character
castMenAmount	castMenAmount	character