DATA621-Final-SmoothOperators

Rob Hodde, Matt Farris, Jeffrey Burmood, Bin Lin

5/11/2017

VAR	TYPE
director_name	character
num_critic_for_reviews	integer
duration	integer
director_facebook_likes	integer
actor_3_facebook_likes	integer
actor_2_name	character
actor_1_facebook_likes	integer
gross	integer
genres	character
actor_1_name	character
movie_title	character
num_voted_users	integer
cast_total_facebook_likes	integer
actor_3_name	character
facenumber_in_poster	integer
plot_keywords	character
movie_imdb_link	character
num_user_for_reviews	integer
language	character
country	character
content_rating	character
budget	double
title_year	integer
actor_2_facebook_likes	integer
imdb_score	double
aspect_ratio	double
movie_facebook_likes	integer

director_name	num_critic_for_reviews	duration	director_facebook_likes	actor_3_facebook_likes	acto
Length:5043	Min. : 1.0	Min. : 7.0	Min. : 0.0	Min. : 0.0	Len
Class :character	1st Qu.: 50.0	1st Qu.: 93.0	1st Qu.: 7.0	1st Qu.: 133.0	Clas
Mode :character	Median :110.0	Median :103.0	Median : 49.0	Median : 371.5	Moo
NA	Mean :140.2	Mean :107.2	Mean : 686.5	Mean : 645.0	NA
NA	3rd Qu.:195.0	3rd Qu.:118.0	3rd Qu.: 194.5	3rd Qu.: 636.0	NA
NA	Max. :813.0	Max. :511.0	Max. :23000.0	Max. :23000.0	NA
NA	NA's :50	NA's :15	NA's :104	NA's :23	NA

actor_1_facebook_likes	gross	genres	actor_1_name	movie_title	num_voted_us
Min. : 0	Min. : 162	Length:5043	Length:5043	Length:5043	Min. : 5
1st Qu.: 614	1st Qu.: 5340988	Class :character	Class :character	Class :character	1st Qu.: 8594
Median : 988	Median : 25517500	Mode :character	Mode :character	Mode :character	Median : 34359

actor__1__facebook__likes	gross	genres	actor__1__name	movie__title	num__voted__us
Mean : 6560	Mean : 48468408	NA	NA	NA	Mean : 83668
3rd Qu.: 11000	3rd Qu.: 62309438	NA	NA	NA	3rd Qu.: 96309
Max. :640000	Max. :760505847	NA	NA	NA	Max. :1689764
NA's :7	NA's :884	NA	NA	NA	NA

cast__total__facebook__likes	actor__3__name	facenumber__in__poster	plot__keywords	movie__imdb__link	num__u
Min. : 0	Length:5043	Min. : 0.000	Length:5043	Length:5043	Min. :
1st Qu.: 1411	Class :character	1st Qu.: 0.000	Class :character	Class :character	1st Qu.
Median : 3090	Mode :character	Median : 1.000	Mode :character	Mode :character	Median
Mean : 9699	NA	Mean : 1.371	NA	NA	Mean :
3rd Qu.: 13756	NA	3rd Qu.: 2.000	NA	NA	3rd Qu
Max. :656730	NA	Max. :43.000	NA	NA	Max. :5
NA	NA	NA's :13	NA	NA	NA's :2

```r
length(unique(movie$director_name))
```

```
## [1] 2399
```

```r
length(unique(movie$actor_1_name))
```

```
## [1] 2098
```

```r
length(unique(movie$actor_2_name))
```

```
## [1] 3033
```

```r
length(unique(movie$actor_3_name))
```

```
## [1] 3522
```