Mon-13Mar2023

Report #1

Data Description

**Describe entire dataset:**

Int64Index: 3756 entries, 0 to 5042

Data columns (total 28 columns):

# Column Non-Null Count Dtype

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0 Color 3756 non-null object

1 Director Name 3756 non-null object

2 # Critic Reviews 3756 non-null float64

3 Duration 3756 non-null float64

4 # Director Likes 3756 non-null float64

5 # Actor 1 Likes 3756 non-null float64

6 Actor 2 Name 3756 non-null object

7 # Actor 1 Likes 3756 non-null float64

8 Gross 3756 non-null float64

9 Genres 3756 non-null object

10 Actor 1 Name 3756 non-null object

11 Movie Title 3756 non-null object

12 # Users Voted 3756 non-null int64

13 # Cast Likes 3756 non-null int64

14 Actor 3 Name 3756 non-null object

15 # FB Poster 3756 non-null float64

16 Plot Keywords 3756 non-null object

17 Movie Link 3756 non-null object

18 # Users for Reviews 3756 non-null float64

19 Langauge 3756 non-null object

20 Country 3756 non-null object

21 Content Rating 3756 non-null object

22 Budget 3756 non-null float64

23 Title Year 3756 non-null float64

24 # Actor 2 Likes 3756 non-null float64

25 IMDB Score 3756 non-null float64

26 Aspect Ratio 3756 non-null float64

27 # Movie Likes 3756 non-null int64

dtypes: float64(13), int64(3), object(12)

memory usage: 851.0+ KB

**Describe Numerical Features:**

# Critic Reviews Duration # Director Likes # Actor 1 Likes \

count 3756.00 3756.00 3756.00 3756.00

mean 167.38 110.26 807.34 771.28

std 123.45 22.65 3068.17 1894.25

min 2.00 37.00 0.00 0.00

25% 77.00 96.00 11.00 194.00

50% 138.50 106.00 64.00 436.00

75% 224.00 120.00 235.00 691.00

max 813.00 330.00 23000.00 23000.00

# Actor 1 Likes Gross # Users Voted # Cast Likes # FB Poster \

count 3756.00 3756.00 3756.00 3756.00 3756.00

mean 7751.34 52612824.24 105826.73 11527.10 1.38

std 15519.34 70317866.91 152035.40 19122.18 2.04

min 0.00 162.00 91.00 0.00 0.00

25% 745.00 8270232.75 19667.00 1919.75 0.00

50% 1000.00 30093107.00 53973.50 4059.50 1.00

75% 13000.00 66881940.75 128602.00 16240.00 2.00

max 640000.00 760505847.00 1689764.00 656730.00 43.00

# Users for Reviews Budget Title Year # Actor 2 Likes \

count 3756.00 3756.00 3756.00 3756.00

mean 336.84 46236849.64 2002.98 2021.78

std 411.23 226010288.48 9.89 4544.91

min 4.00 218.00 1927.00 0.00

25% 110.00 10000000.00 1999.00 384.75

50% 210.00 25000000.00 2004.00 685.50

75% 398.25 50000000.00 2010.00 976.00

max 5060.00 12215500000.00 2016.00 137000.00

IMDB Score Aspect Ratio # Movie Likes

count 3756.00 3756.00 3756.00

mean 6.47 2.11 9353.83

std 1.06 0.35 21462.89

min 1.60 1.18 0.00

25% 5.90 1.85 0.00

50% 6.60 2.35 227.00

75% 7.20 2.35 11000.00

max 9.30 16.00 349000.00

**Visualize Numerical Features:**

**# of Critic Reviews:**

Chart, histogram

Description automatically generated

Chart, Teams

Description automatically generated

**Duration:**

**Chart, histogram

Description automatically generated**

Timeline

Description automatically generated with medium confidence

**Director Likes:**

**A picture containing graphical user interface

Description automatically generated**

Graphical user interface, application, Teams

Description automatically generated

**Gross:**

**Chart, histogram

Description automatically generated**

**Graphical user interface, application

Description automatically generated with medium confidence**

**# of Users Voted:**

**Chart, histogram

Description automatically generated**

Application

Description automatically generated with medium confidence

**# of Cast Likes:**

**A picture containing chart

Description automatically generated**

Graphical user interface

Description automatically generated with low confidence

**Budget:**

**Chart

Description automatically generated**

A picture containing chart

Description automatically generated

**Title Year:**

Graphical user interface, application

Description automatically generated

**IMDB Score:**

**Chart, histogram

Description automatically generated**

Timeline

Description automatically generated

**# of Movie Likes:**

**Chart

Description automatically generated**

Timeline

Description automatically generated

**Aspect Ratio:**

A picture containing application

Description automatically generated

**Visualize Categorical Features:**

**Directors:**

**Chart, bar chart

Description automatically generated**

**Actor 1:**

**Chart, bar chart

Description automatically generated**

**Actor 2**

**Chart

Description automatically generated**

**Actor 3**

**Chart, bar chart

Description automatically generated**

**Genres:**

**Chart

Description automatically generated**

**Content Rating:**

**Chart, histogram

Description automatically generated**