Minor project

IMDB analysis

ABHINAV I

Number of Rows And Number of Columns

Number of Rows 1000

Number of Columns 12

Information About Our Dataset

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 1000 entries, 0 to 999

Data columns (total 12 columns):

#	Column	Non-Null Count	Dtype
0	Rank	1000 non-null	int64
1	Title	1000 non-null	object
2	Genre	1000 non-null	object
3	Description	1000 non-null	object
4	Director	1000 non-null	object
5	Actors	1000 non-null	object
6	Year	1000 non-null	int64
7	Runtime (Minutes)	1000 non-null	int64
8	Rating	1000 non-null	float64
9	Votes	1000 non-null	int64
10	Revenue (Millions)	872 non-null	float64
11	Metascore	936 non-null	float64

dtypes: float64(3), int64(4), object(5)

Null Values In The Dataset

Rank   0

Title   0

Genre   0

Description   0

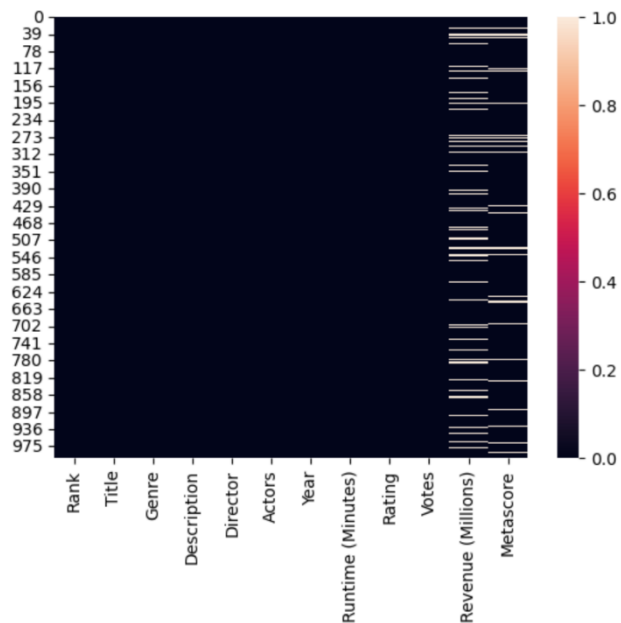Director   0

```
Actors              0

Year                0

Runtime (Minutes)   0

Rating              0

Votes               0

Revenue (Millions)  128

Metascore           64

dtype: int64
```
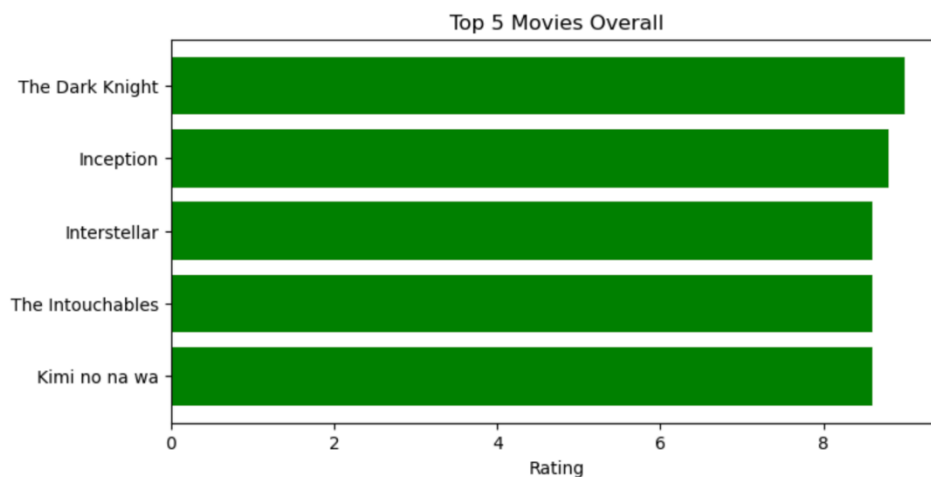

Top 5 rated movies overall

Top 5 Rated Movies Overall:

```
              Title  Rating              Genre

54   The Dark Knight     9.0       Action,Crime,Drama

80         Inception     8.8  Action,Adventure,Sci-Fi

36       Interstellar    8.6    Adventure,Drama,Sci-Fi

249  The Intouchables    8.6   Biography,Comedy,Drama

96     Kimi no na wa     8.6  Animation,Drama,Fantasy
```
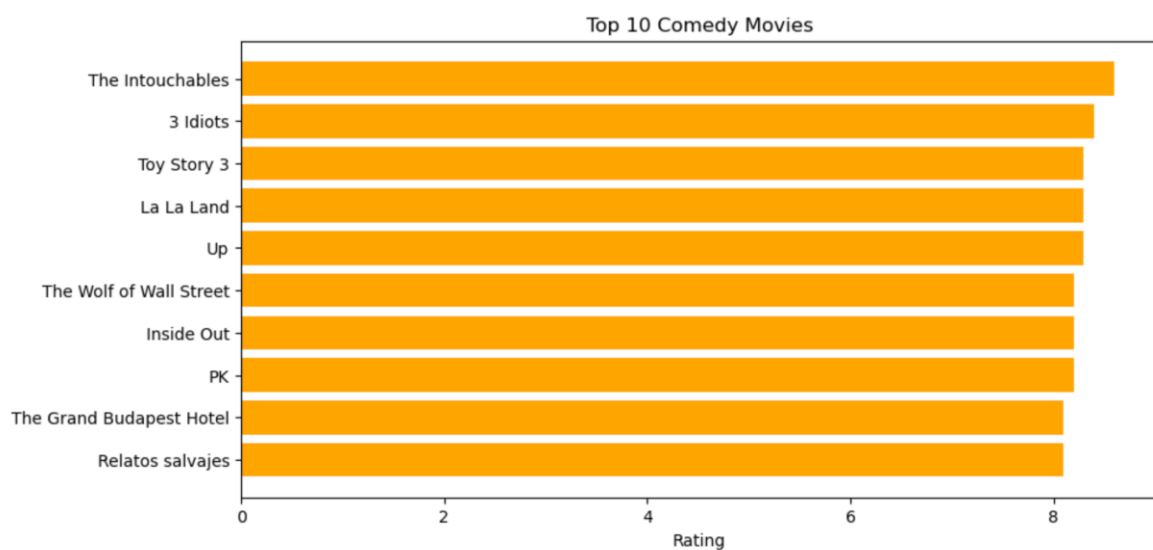
Top 10 rated Comedy movies

Top 10 Rated Comedy Movies:

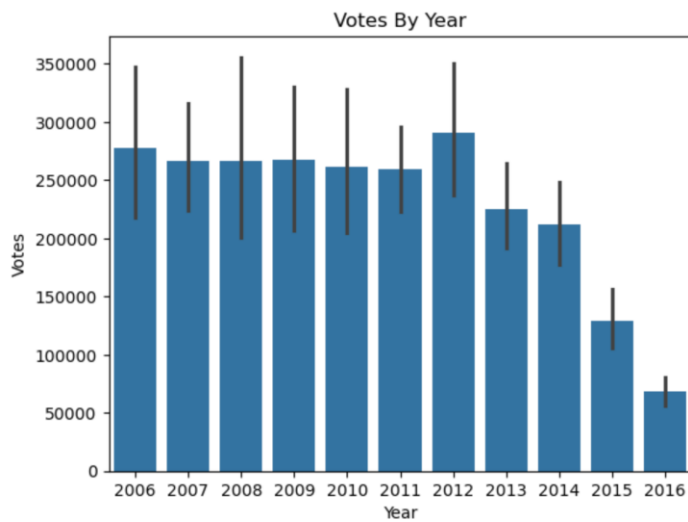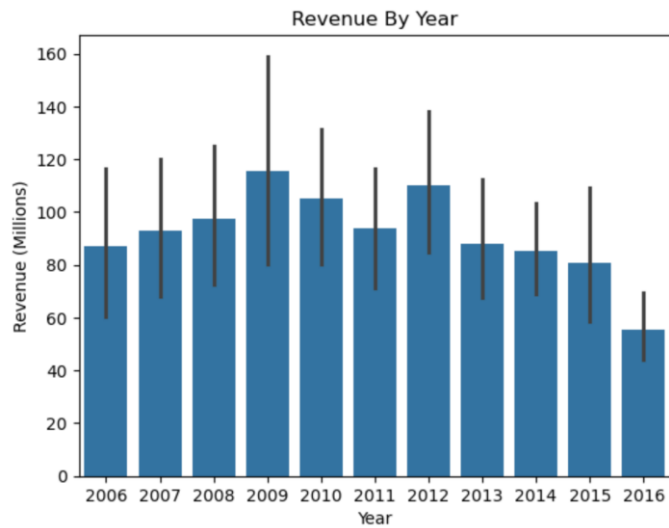|	Title	Rating	Genre
249	The Intouchables	8.6	Biography,Comedy,Drama
430	3 Idiots	8.4	Comedy,Drama
688	Toy Story 3	8.3	Animation,Adventure,Comedy
6	La La Land	8.3	Comedy,Drama,Music
499	Up	8.3	Animation,Adventure,Comedy
82	The Wolf of Wall Street	8.2	Biography,Comedy,Crime
241	Inside Out	8.2	Animation,Adventure,Comedy
765	PK	8.2	Comedy,Drama,Romance
238	The Grand Budapest Hotel	8.1	Adventure,Comedy,Drama
641	Relatos salvajes	8.1	Comedy,Drama,Thriller

Overall Statistics About The DataFrame

	Rank	Year	Runtime (Minutes)	Rating	Votes	Revenue (Millions)	Metascore	
count	838.000000	838.00000	838.000000	838.000000	8.380000e+02	838.000000	838.000000	
mean	485.247017	2012.50716	114.638425	6.814320	1.932303e+05	84.564558	59.575179	

Rank	Year	Runtime (Minutes)	Rating	Votes	Revenue (Millions)	Metascore	
std	286.572065	3.17236	18.470922	0.877754	1.930990e+05	104.520227	16.952416
min	1.000000	2006.00000	66.000000	1.900000	1.780000e+02	0.000000	11.000000
25%	238.250000	2010.00000	101.000000	6.300000	6.127650e+04	13.967500	47.000000
50%	475.500000	2013.00000	112.000000	6.900000	1.368795e+05	48.150000	60.000000
75%	729.750000	2015.00000	124.000000	7.500000	2.710830e+05	116.800000	72.000000
max	1000.000000	2016.00000	187.000000	9.000000	1.791916e+06	936.630000	100.000000

Year There Was The Highest Voting

Year There Was The Highest Revenue

```python
list1=[]
for value in data['Genre']:
    list1.append(value.split(','))
```

```python
data['temp']=list1
```

```python
genre=input("Enter Genre you want to count : ").title()
count=0
for value in data['temp']:
    if genre in value:
        count=count+1
print("Total Count is",count)
```

```
Enter Genre you want to count :  COMEDY
Total Count is 250
```