

```
import numpy as np
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
```

```
movie = pd.read_csv("/content/disney_movies.csv")
df = pd.DataFrame(movie)
df.isnull()
```

	movie_title	release_date	genre	mpaa_rating	total_gross	inflation_adjusted_gross
0	False	False	False	False	False	False
1	False	False	False	False	False	False
2	False	False	False	False	False	False
3	False	False	False	False	False	False
4	False	False	False	False	False	False
...
574	False	False	False	False	False	False
575	False	False	False	False	False	False
576	False	False	False	False	False	False
577	False	False	False	False	False	False
578	False	False	False	False	False	False

579 rows × 6 columns

```
print(df.release_date)
```

```
0    1937-12-21
1    1940-02-09
2    1940-11-13
3    1946-11-12
4    1950-02-15
...
574   2016-09-02
575   2016-09-23
576   2016-11-04
577   2016-11-23
578   2016-12-16
```

Name: release_date, Length: 579, dtype: object

```
print(df.total_gross)
```

```

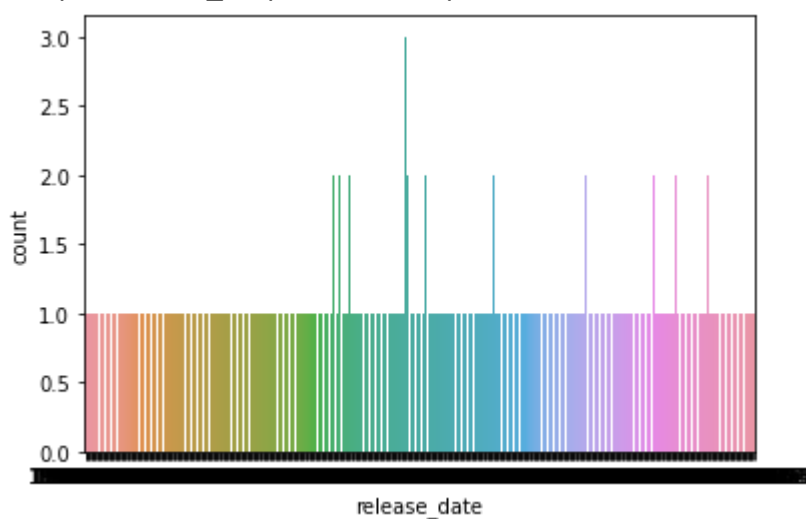
0    184925485
1    84300000
2    83320000
3    65000000
4    85000000
...
574   12545979
575    8874389
576   232532923
577   246082029
578   529483936
Name: total_gross, Length: 579, dtype: int64

```

```
sns.countplot(movie['release_date'])
```

/usr/local/lib/python3.7/dist-packages/seaborn/_decorators.py:43: FutureWarning: Pass the following variable as a keyword argument to `plt.plot`: `color`. FutureWarning

<matplotlib.axes._subplots.AxesSubplot at 0x7f6839a0dc90>



```
movie.head(579)
```

	movie_title	release_date	genre	mpaa_rating	total_gross	inflation_adjusted_gross
0	Snow White and the Seven Dwarfs	1937-12-21	Musical	G	184925485	5228953251
1	Pinocchio	1940-02-09	Adventure	G	84300000	2188229052
2	Fantasia	1940-11-13	Musical	G	83320000	2187090808

```
movie.drop_duplicates(subset=['genre'])
```

	movie_title	release_date	genre	mpaa_rating	total_gross	inflation_adj
0	Snow White and the Seven Dwarfs	1937-12-21	Musical	G	184925485	
1	Pinocchio	1940-02-09	Adventure	G	84300000	
4	Cinderella	1950-02-15	Drama	G	85000000	
8	101 Dalmatians	1961-01-25	Comedy	G	153000000	
20	The Many Adventures of Winnie the Pooh	1977-03-11	NaN	NaN	0	
29	Condorman	1981-08-07	Action	NaN	0	
34	Something Wicked This Way Comes	1983-04-29	Horror	NaN	5656087	
58	Can't Buy Me Love	1987-08-14	Romantic Comedy	NaN	31623833	

```
print(len('col(genre)'))
```

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