

Disney studio income analysis

```
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

```

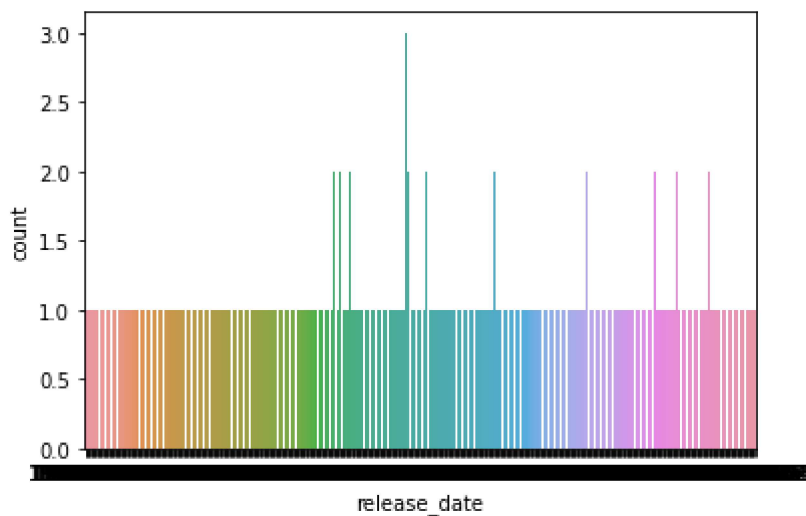
```
sns.countplot(movie['release_date'])
```

```

/usr/local/lib/python3.7/dist-packages/seaborn/_decorators.py:43: FutureWarning: Pass t
FutureWarning

```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f7b90f62710>
```



```
movie.head(550)
```

	movie_title	release_date	genre	mpaa_rating	total_gross	inflation_
0	Snow White and the Seven Dwarfs	1937-12-21	Musical	G	184925485	
1	Pinocchio	1940-02-09	Adventure	G	84300000	
2	Fantasia	1940-11-13	Musical	G	83320000	
3	Song of the South	1946-11-12	Adventure	G	65000000	
4	Cinderella	1950-02-15	Drama	G	85000000	
...
545	Bears	2014-04-18	Documentary	G	17780194	

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

	movie_title	release_date	genre	mpaa_rating	total_gross	inflation_
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	
66	Back to the Future	1985-07-18	Comedy	NaN	103700470	

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

```
10
```

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