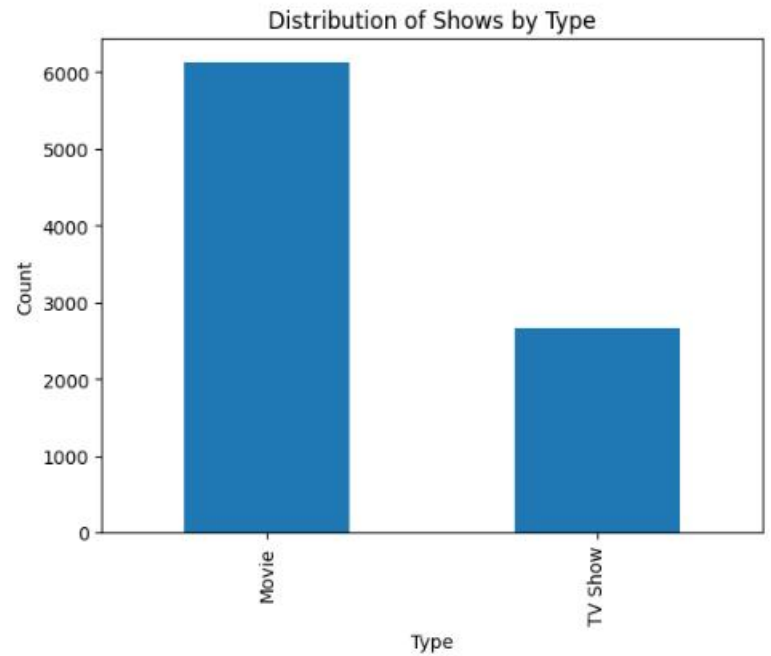
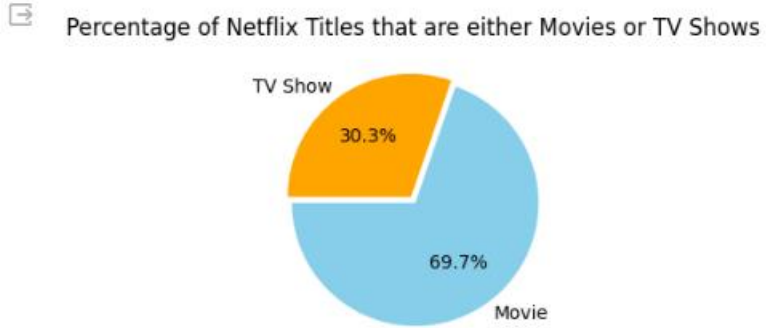
```
netflix['type'].value_counts().plot(kind='bar')
plt.title('Distribution of Shows by Type')
plt.xlabel('Type')
plt.ylabel('Count')
plt.show()

netflix['type'].value_counts()
```

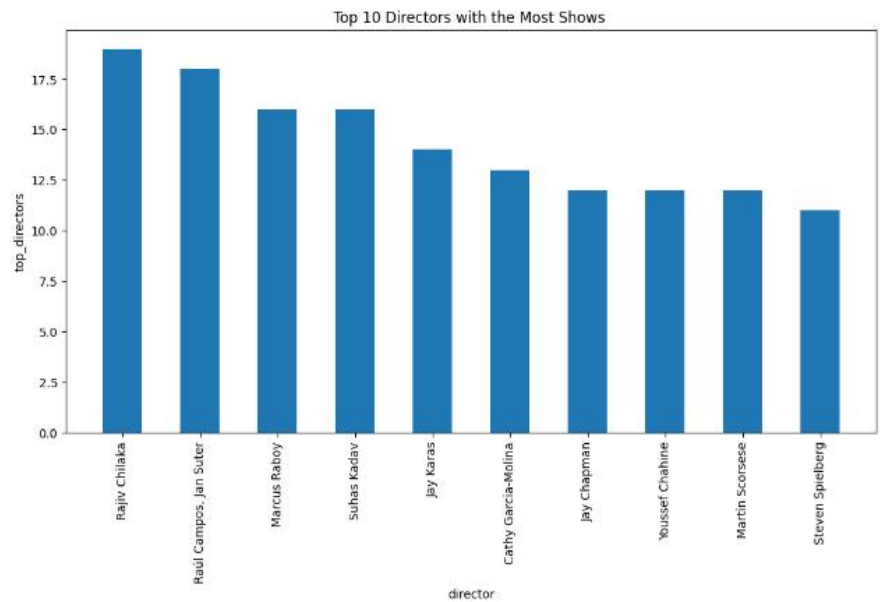



```
Movie      6126
TV Show    2664
Name: type, dtype: int64
```

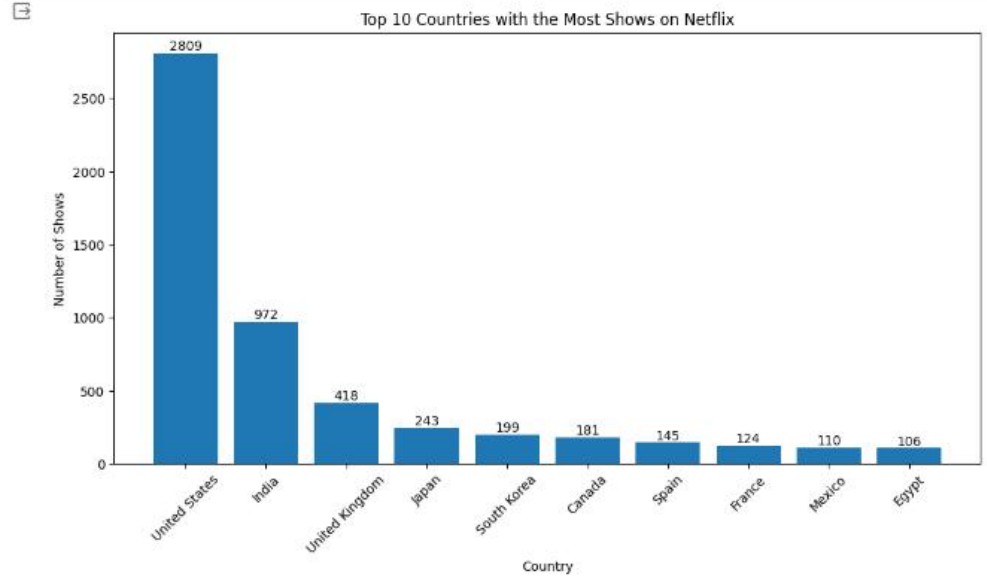
```
plt.figure(figsize=(6,3))
plt.title("Percentage of Netflix Titles that are either Movies or TV Shows")
g=plt.pie(netflix.type.value_counts(),explode=(0.03,0.03),
labels=netflix.type.value_counts().index, colors=['skyblue','orange'],autopct='%1.1f%%',
startangle=180)
plt.show()
```



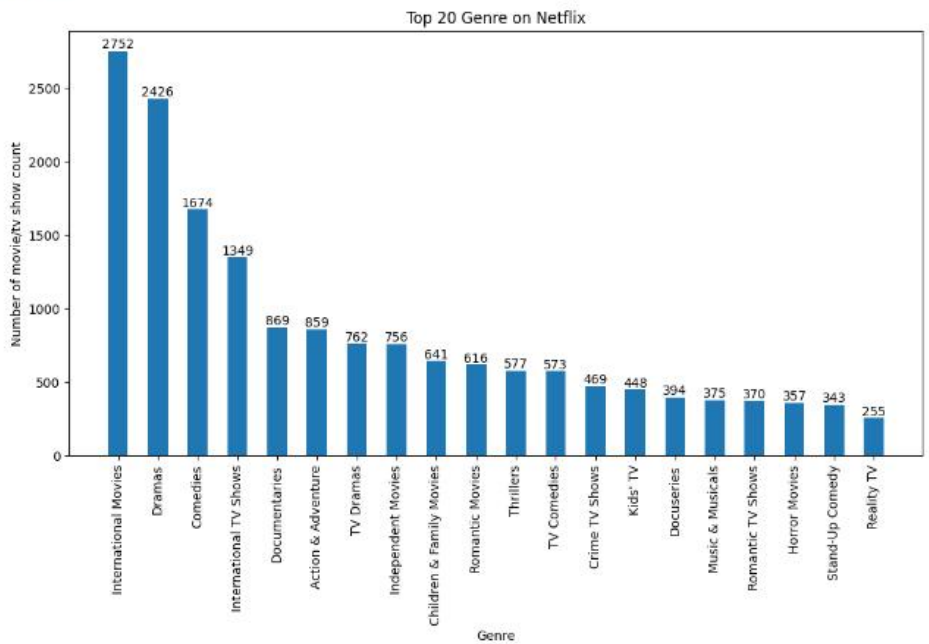
```
plt.figure(figsize =(12,6))
plt.bar(x=top_directors.index , height = top_directors,width = 0.5)
plt.title ("Top 10 Directors with the Most Shows ")
plt.xticks(rotation = 90)
plt.xlabel("director")
plt.ylabel("top_directors")


plt.show()
```



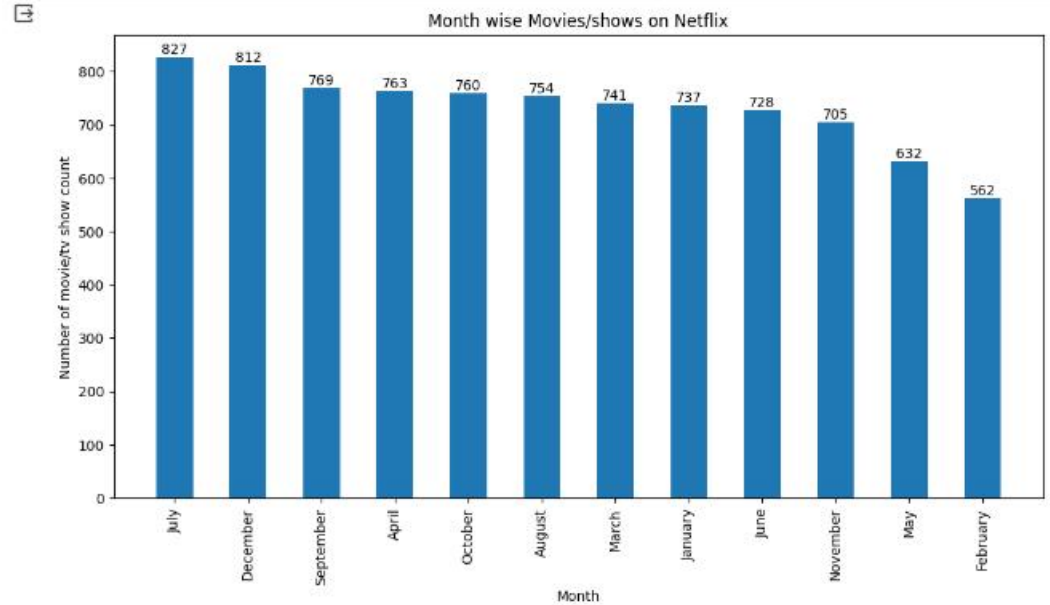

```
countries = Top_10_highest_Show_count_by_country['country']
movie_counts = Top_10_highest_Show_count_by_country[0]

plt.figure(figsize=(12, 6))
bars = plt.bar(countries, movie_counts)

plt.title("Top 10 Countries with the Most Shows on Netflix")
plt.xlabel("Country")
plt.ylabel("Number of Shows")
plt.xticks(rotation=45)

for bar, count in zip(bars, movie_counts):
    plt.text(bar.get_x() + bar.get_width() / 2, bar.get_height(), count, ha='center', va='bottom')

plt.show()
```



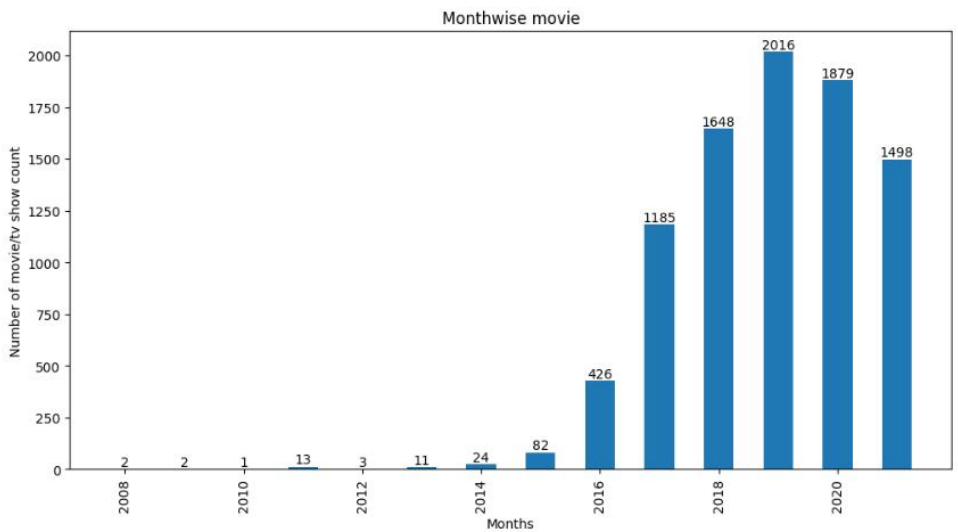
```
plt.figure(figsize=(12, 6))
bars = plt.bar(genre.index,genre,width = .5)

plt.title("Top 20 Genre on Netflix")
plt.xlabel("Genre")
plt.ylabel("Number of movie/tv show count")
plt.xticks(rotation=90)
plt.show
for bar, count in zip(bars, genre):
    plt.text(bar.get_x() + bar.get_width() / 2, bar.get_height(), count, ha='center', va='bottom')

plt.show()
```




```
plt.figure(figsize=(12, 6))
bars = plt.bar(month_counts.index,month_counts,width = .5)

plt.title("Month wise Movies/shows on Netflix")
plt.xlabel("Month")
plt.ylabel("Number of movie/tv show count")
plt.xticks(rotation=90)
plt.show
for bar, count in zip(bars, month_counts):
    plt.text(bar.get_x() + bar.get_width() / 2, bar.get_height(), count, ha='center', va='bottom')

plt.show()
```



```
plt.figure(figsize=(12, 6))
bars = plt.bar(Year_counts.index,Year_counts,width = .5)

plt.title("Monthwise movie")
plt.xlabel("Months")
plt.ylabel("Number of movie/tv show count")
plt.xticks(rotation=90)
plt.show
for bar, count in zip(bars, Year_counts):
    plt.text(bar.get_x() + bar.get_width() / 2, bar.get_height(), count, ha='center', va='bottom')

plt.show()
```




```
df_rating=netflix.groupby(['rating']).agg({"title":"nunique"}).reset_index().sort_values(by=['title'],ascending=False)[:15]
plt.figure(figsize=(15,8))
plt.barh(df_rating[::-1]['rating'], df_rating[::-1]['title'],color=['orange'])
plt.xlabel('Frequency by Ratings')
plt.ylabel('Ratings')
plt.show()
```