

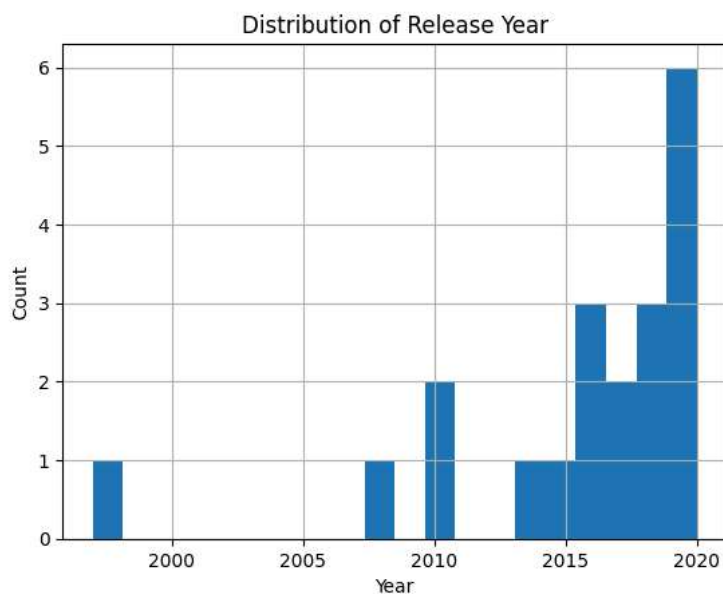
1 Load Dataset

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

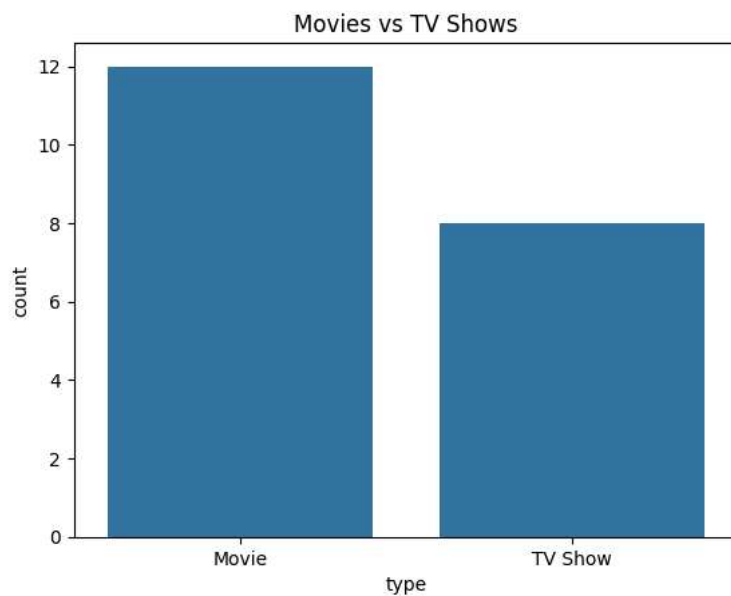
df = pd.read_csv("/content/netflix_titles.csv")
```

2 Histogram (Numerical Feature Distribution)

```
df['release_year'].hist(bins=20)
plt.title("Distribution of Release Year")
plt.xlabel("Year")
plt.ylabel("Count")
plt.show()
```

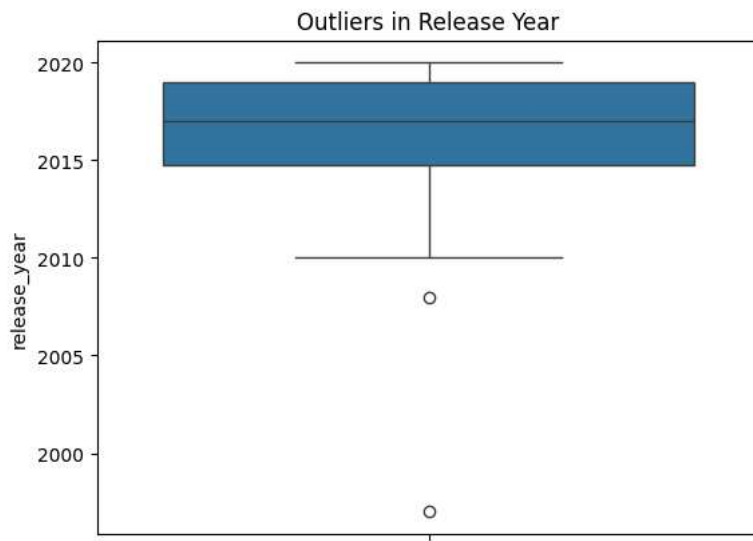
**3** Count Plot (Categorical Features)

```
sns.countplot(x='type', data=df)
plt.title("Movies vs TV Shows")
plt.show()
```



4 Box Plot (Outlier Detection)

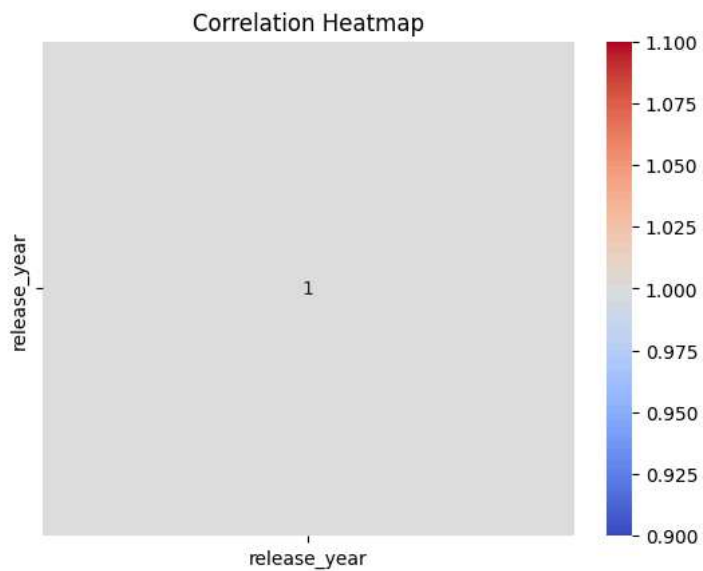
```
sns.boxplot(y=df['release_year'])
plt.title("Outliers in Release Year")
plt.show()
```



5 Correlation Heatmap

```
df_corr = df[['release_year']].corr()

sns.heatmap(df_corr, annot=True, cmap='coolwarm')
plt.title("Correlation Heatmap")
plt.show()
```



6 Important Features for Prediction

```
type (Movie / TV Show)

country

rating

duration

listed_in (genre)
```

