```python
import pandas as pd

import numpy as np

#Upload your file
from google.colab import files
uploaded = files.upload()

#Load the dataset

df = pd.read_csv(next(iter(uploaded)))
```

Choose Files moviesdataset.csv

- **moviesdataset.csv**(text/csv) - 494431 bytes, last modified: 28/4/2025 - 100% done

```
Saving moviesdataset.csv to moviesdataset (1).csv
```

```python
# 1. Unique Genres
unique_genres = pd.Series(np.concatenate(df['genre_list'].values)).unique()


# 2. Movies per Year
movies_per_year = df['year'].value_counts().sort_index()


# 3. Top 10 Genres
genre_counts = pd.Series(np.concatenate(df['genre_list'].values)).value_counts().head(10)


# 4. Movies with >3 Genres
(df['genre_list'].apply(len) > 3).sum()
```

```python
# 5. Most Common Genre Combo
df['genres'].value_counts().idxmax()


# 6. Comedy & Romance,
df[df['genre_list'].apply(lambda x: 'Comedy' in x and 'Romance' in x)]


# 7. Only One Genre
df[df['genre_list'].apply(len) == 1]


# 8. Top 5 Years by Movie Count
df['year'].value_counts().head(5)
```

```python
# 9. Drama Movies
df['genre_list'].apply(lambda x: 'Drama' in x).sum()


# 10. Avg Genres per Movie
df['genre_list'].apply(len).mean()


# 11. Exactly Two Genres
df[df['genre_list'].apply(len) == 2]


# 12. No Genre Listed
df[df['genres'] == '(no genres listed)']
```

```python
# 12. No Genre Listed
df[df['genres'] == '(no genres listed)']


# 13. Unique Release Years
df['year'].dropna().unique()


# 14. Comedy Only Movies
df[df['genres'] == 'Comedy']


# 16. Action + Adventure
df['genre_list'].apply(lambda x: 'Action' in x and 'Adventure' in x).sum()
```

```python
# 17. Movies Before 2000
df[df['year'] < 2000]


# 19. Earliest & Latest Year
df['year'].min(), df['year'].max()


# 20. Unique Titles
df['title'].nunique()
```