OUTPUT SCREENSHOTS

Top 10 Genres

```python
top_genres = genre_counts.most_common(10)
print("Top 10 Genres:")
for genre, count in top_genres:
    print(f"{genre}: {count}")
```
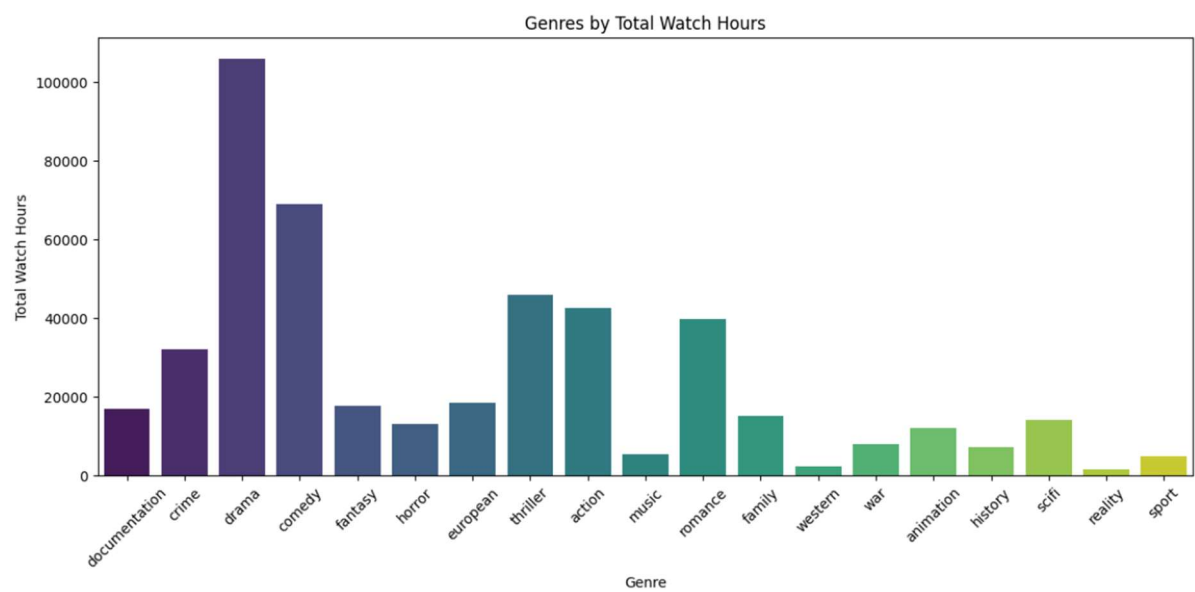
```
Top 10 Genres:
drama: 1137
comedy: 871
action: 480
thriller: 477
romance: 378
crime: 331
animation: 279
fantasy: 266
family: 262
scifi: 240
```
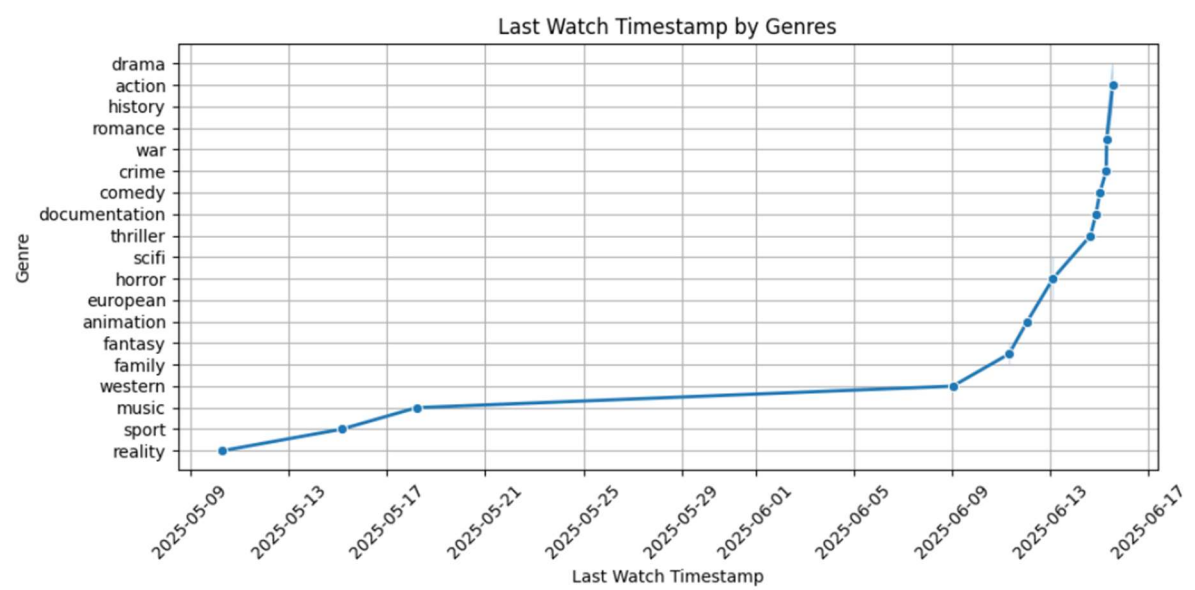
Top 10 Users by Watch Hours

```python
print("Top 10 Users by Watch Hours:")
print(watch_hours_per_user.head(10))
```

```
Top 10 Users by Watch Hours:
      User_id  Runtime_Count
243     11475           1021
1069   173191            974
1070   173252            755
244     11476            641
240     11472            555
241     11473            522
242     11474            517
1143   223449            497
764     62784            438
13       1549            435
```

Genres by Total Watch Hours

Last Watch Timestamp by Genres

Top Genres per User

Top Genres per User:

	User_id	Top_3_Genres
0	176	[horror, thriller, drama]
1	192	[scifi, drama, thriller]
2	193	[drama, comedy]
3	201	[drama]
4	224	[documentation, sport, crime]
5	288	[comedy]
6	522	[drama, comedy]
7	913	[comedy, horror]
8	925	[comedy, documentation]
9	1005	[comedy, family, scifi]

Trending Genres in Last 30 Days

```
Recent Trending Genres (Last 30 Days):
drama: 9 watches
comedy: 9 watches
action: 6 watches
romance: 5 watches
family: 4 watches
```

User Watch Segments

User Watch Segments:

	User_id	Total_Watch_Hours	Segment
0	176	144	Casual
1	192	43	Casual
2	193	45	Casual
3	201	44	Casual
4	224	231	Regular
5	288	27	Casual
6	522	123	Casual
7	913	91	Casual
8	925	74	Casual
9	1005	22	Casual

Under Watched Genres by Total Watch Hours

Under-Watched Genres (Content Gap):

	Genre	Total_Watch_Hours
17	reality	1640
12	western	2312
18	sport	5082
9	music	5388
15	history	7249
13	war	8089
14	animation	12183
5	horror	13116
16	scifi	14202