INVESTIGATING NETFLIX MOVIES

Ann

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BACKGROUND

Netflix! Started in 1997 as a DVD rental service has since exploded into one of the largest entertainment and media companies.

Now, we have the dataset which has

show id	The ID of the show
type	Type of the show
title	Title of the show
director	Director of the show
cast	Cast of the show

country	Country of the show
date_added	Date added to Netflix
release_year	Year of Netflix release
duration	Duration of the show in minutes
description	Description of the show
genre	Show genre

PART1

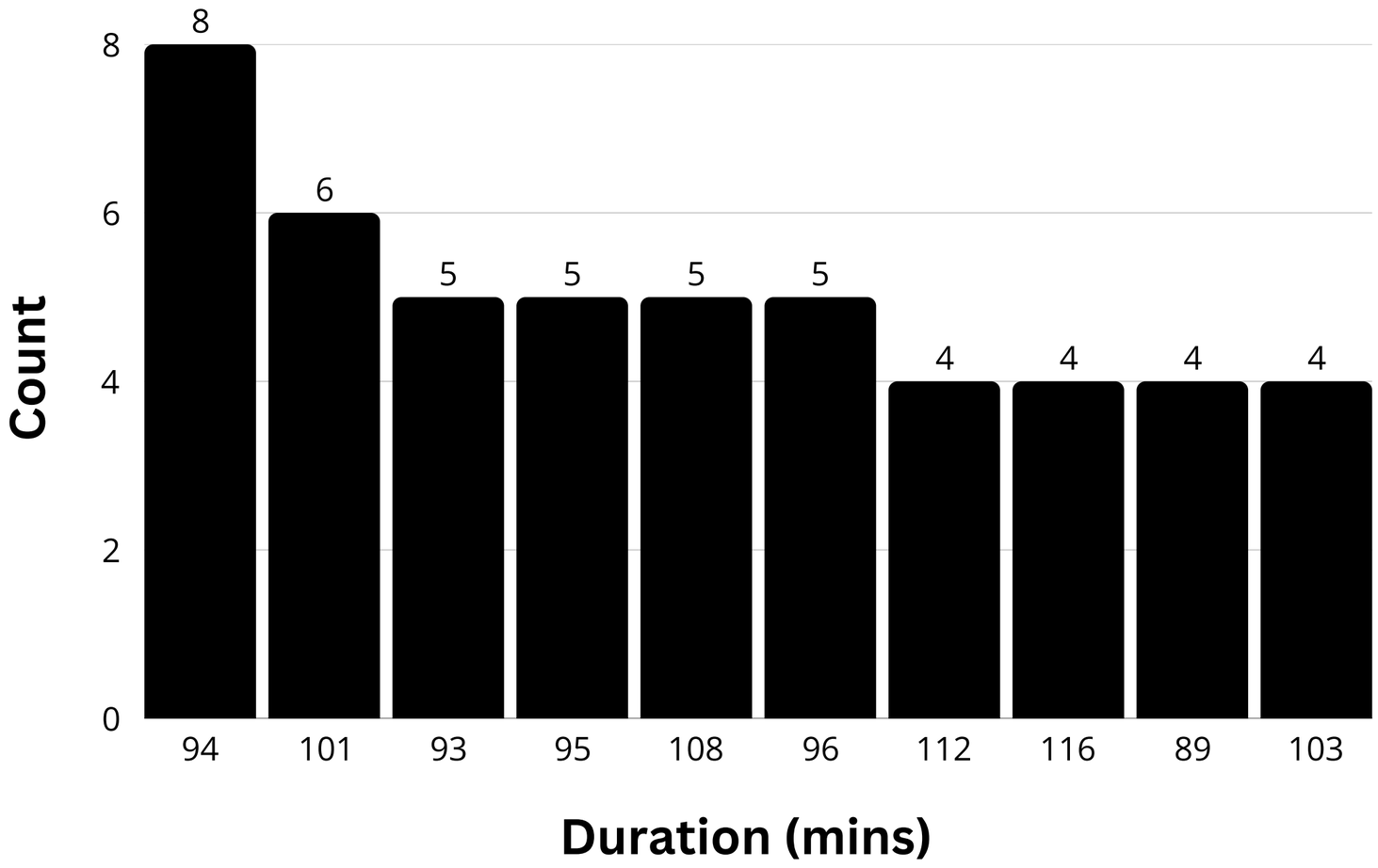
UNDERSTAND MORE ABOUT MOVIES FROM THE 1990S DECADE.

WHAT WAS THE MOST FREQUENT MOVIE DURATION IN THE 1990S?

Logic :

1. Check missing value.
2. Filter the data to include only released between 1990 to 1999 (include).
3. Filter the data which include only type is “Movie”.
4. Finally, count the occurrences of each unique duration (in minutes) within the dataset.

show_id	0
type	0
title	0
director	2389
cast	718
country	507
date_added	10
release_year	0
duration	0
description	0
genre	0



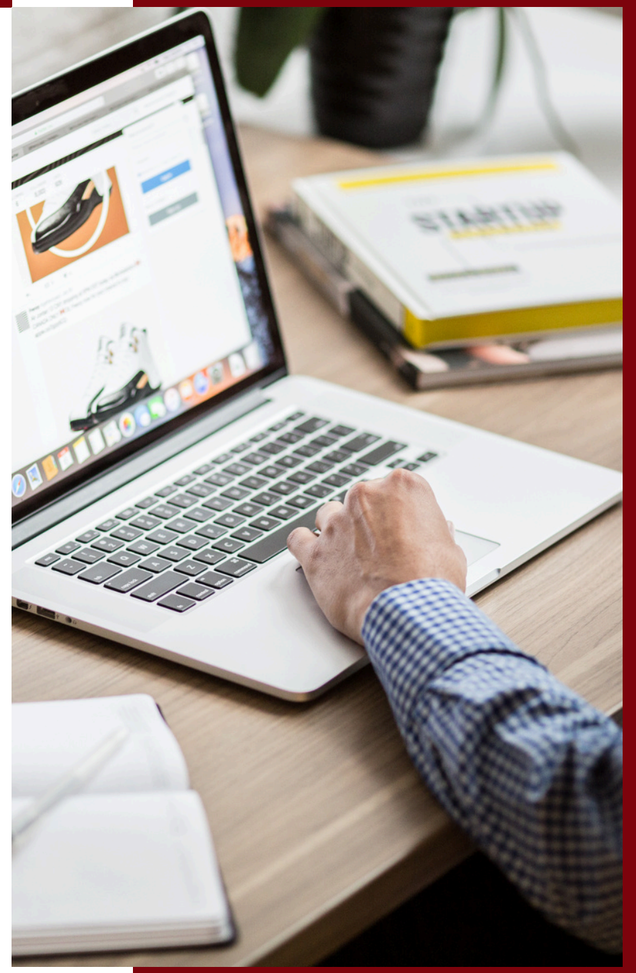
WHAT WAS THE MOST FREQUENT MOVIE DURATION IN THE 1990S?

A : 94 MINS

PART1

UNDERSTAND MORE ABOUT MOVIES FROM THE 1990S DECADE.

COUNT THE NUMBER OF SHORT ACTION MOVIES RELEASED IN THE 1990S AND SAVE THIS INTEGER AS SHORT_MOVIE_COUNT.



Logic :

1. Filter the data to include only released between 1990 to 1999 (include).
2. Filter the data which include only genre is “Action”.
3. Filter the data which duration less than 90 mins.

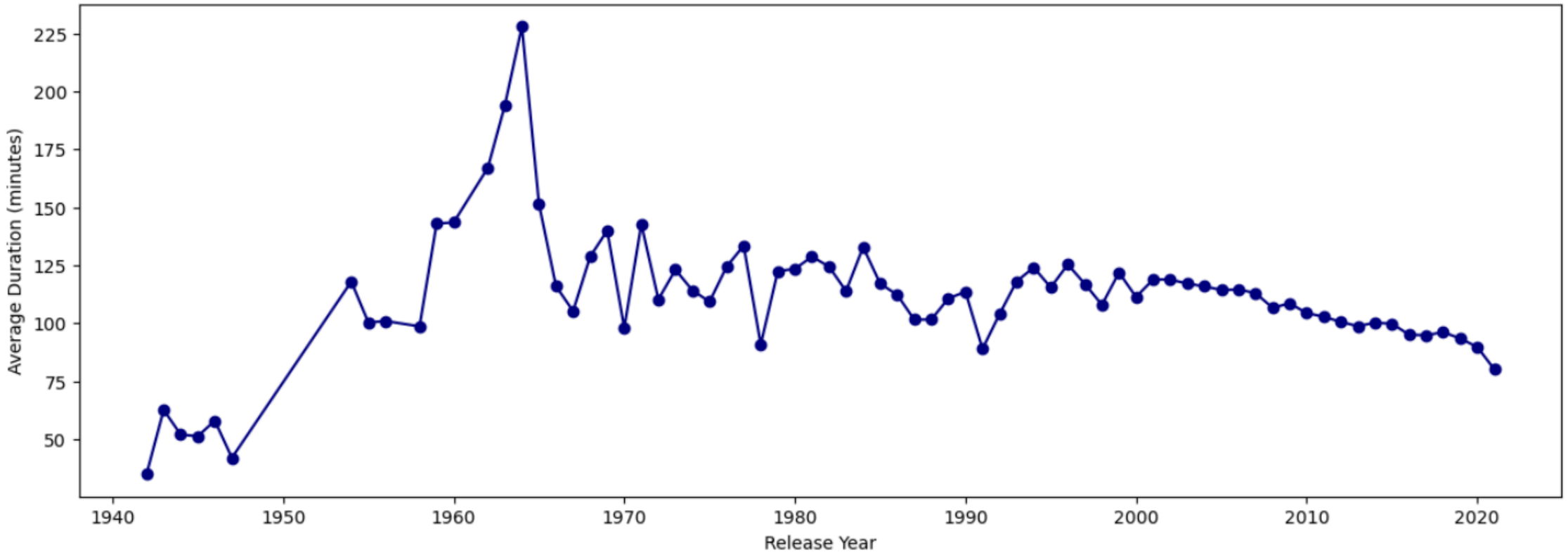
```
Number of short action movies (less than 90 minutes) released in the 1990s is : 8
```

PART2

TO DETERMINE WHETHER THE AVERAGE DURATION OF MOVIES ON NETFLIX HAS BEEN DECLINING OVER THE YEARS.

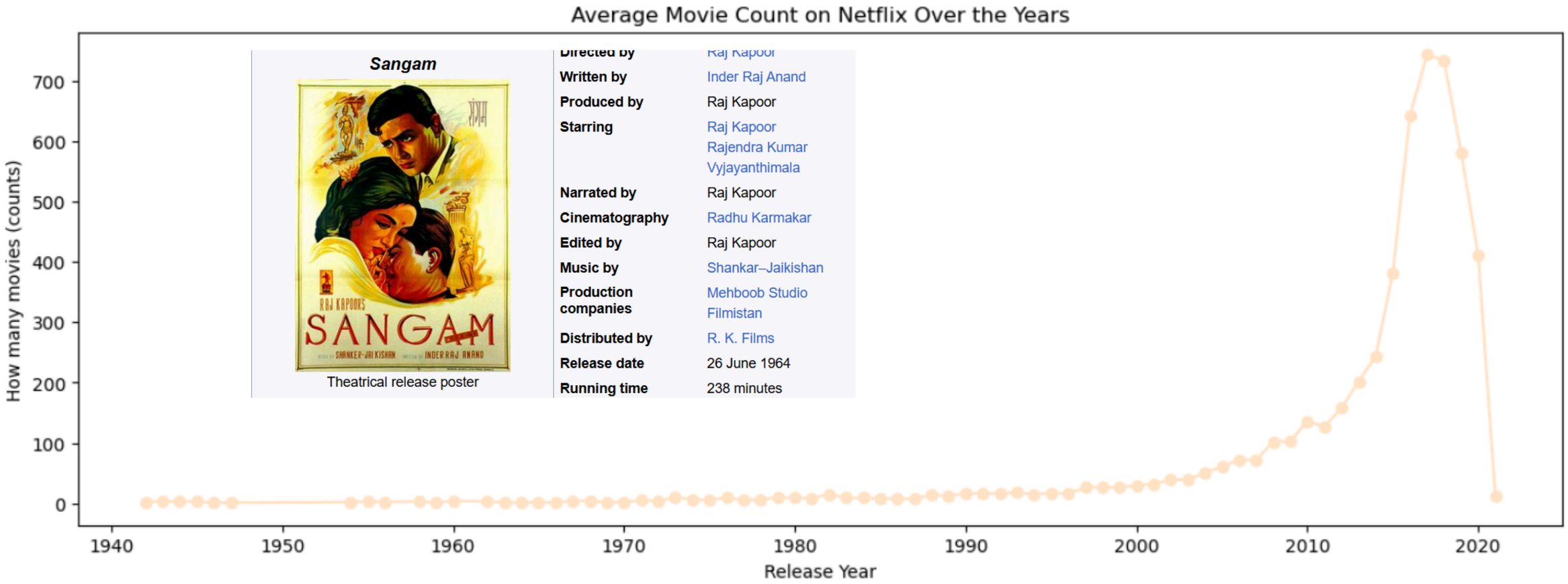
01-1

Average Movie Duration on Netflix Over the Years



PART2

01-2 Average Movie Count on Netflix Over the Years



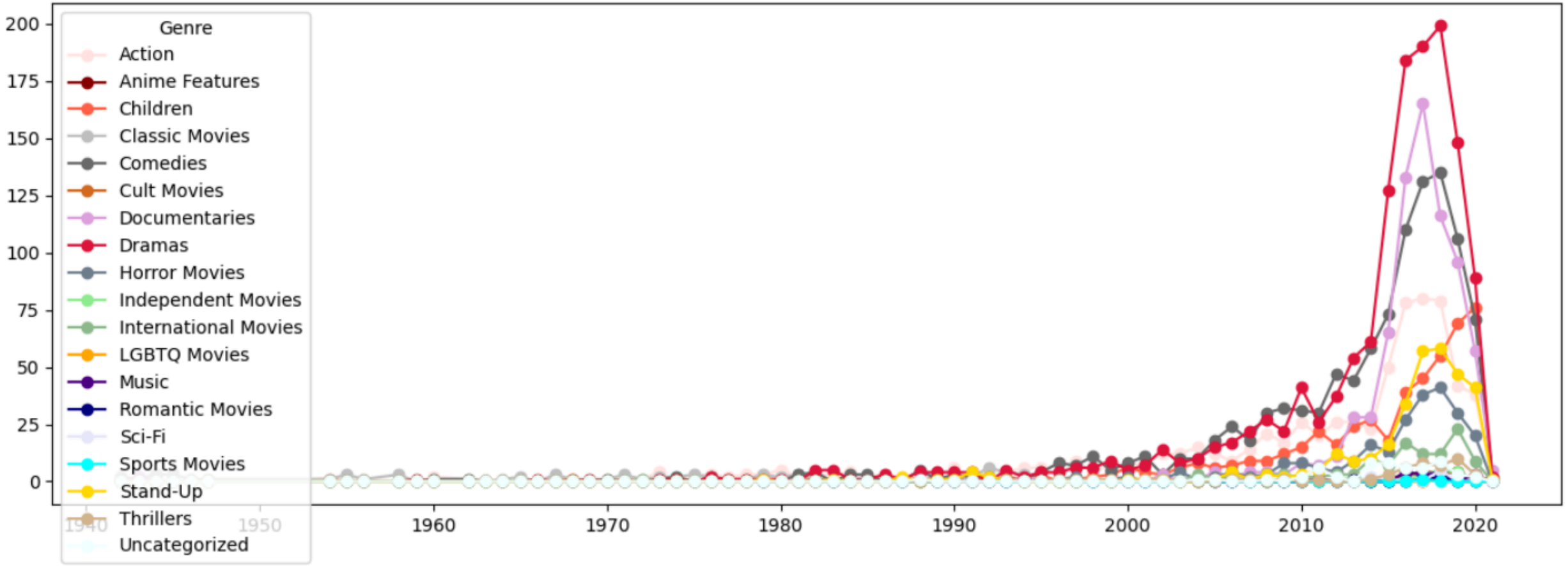
Sangam

Theatrical release poster

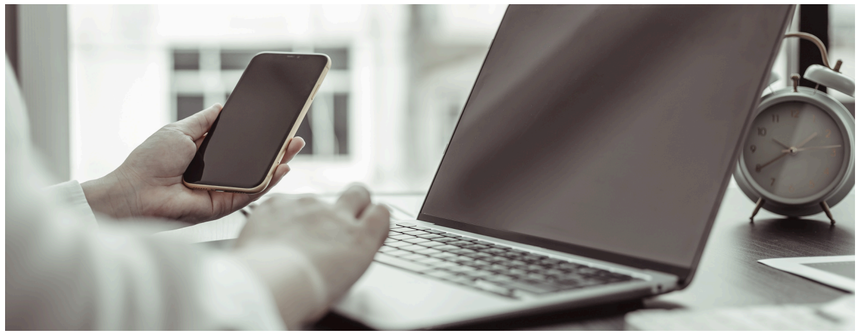
Directed by	Raj Kapoor
Written by	Inder Raj Anand
Produced by	Raj Kapoor
Starring	Raj Kapoor Rajendra Kumar Vyjayanthimala
Narrated by	Raj Kapoor
Cinematography	Radhu Karmakar
Edited by	Raj Kapoor
Music by	Shankar–Jaikishan
Production companies	Mehboob Studio Filmistan
Distributed by	R. K. Films
Release date	26 June 1964
Running time	238 minutes

PART2

02 Average Genre on Netflix Over the Years



CONCLUSION



01 Long-term trend (overall history)

- There was a peak in the 1960s, but since the 1970s, movie durations have remained stable, with a slight decline in recent years.

02 Possible reasons

- The increase in total movie count could mean a higher proportion of shorter films, lowering the overall average duration.

03 Significant Growth of Drama Movies

- Peak in 2010-2019 : Users are getting used to shorter videos. Also during this period, Netflix releasing a large number of drama films.
- Decline After 2020: This may be related to the impact of the COVID-19 pandemic on film production plans or Netflix's adjustment of its investment strategy.

THANK YOU

Ann

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