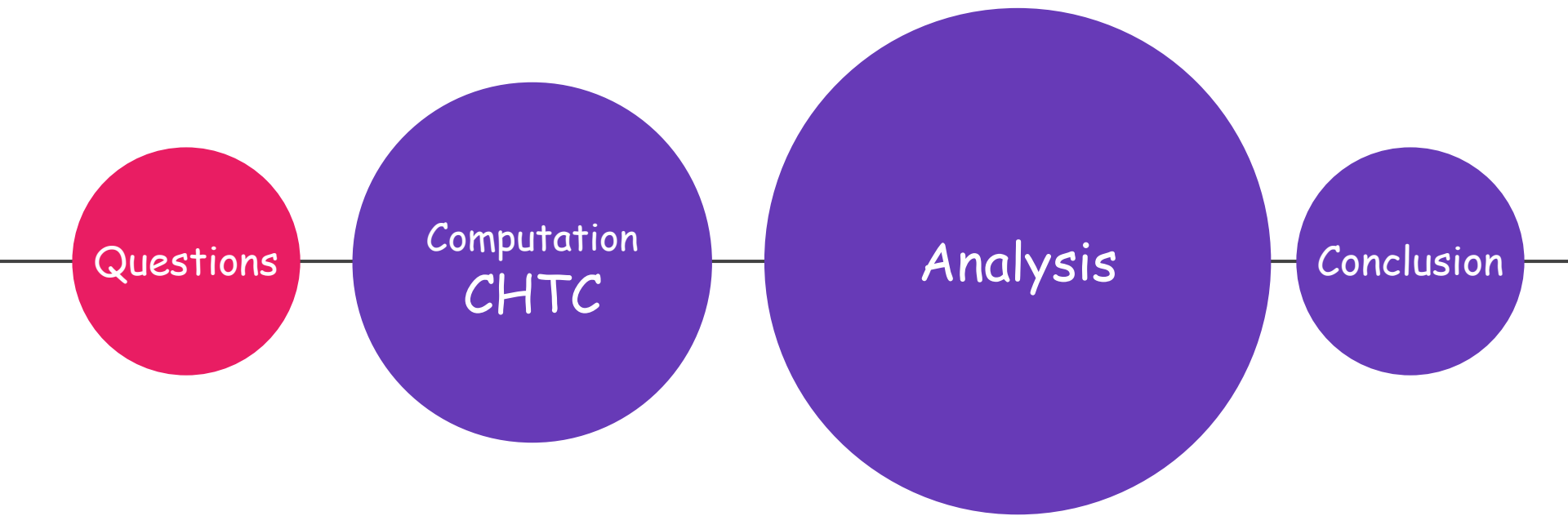


IMDB Data Analysis

Ruixuan Zhao, Ruochen Yin, Chushi Shi
Lokeswar Sadasivuni, Yi Hsuan Tsai

Outline



Questions

— — —

- What is the trend of ratings and audience interest over time ?
- Is there any difference in audience interest among different kinds of productions ?
- The best production and movie people in the eyes of audience?

Source

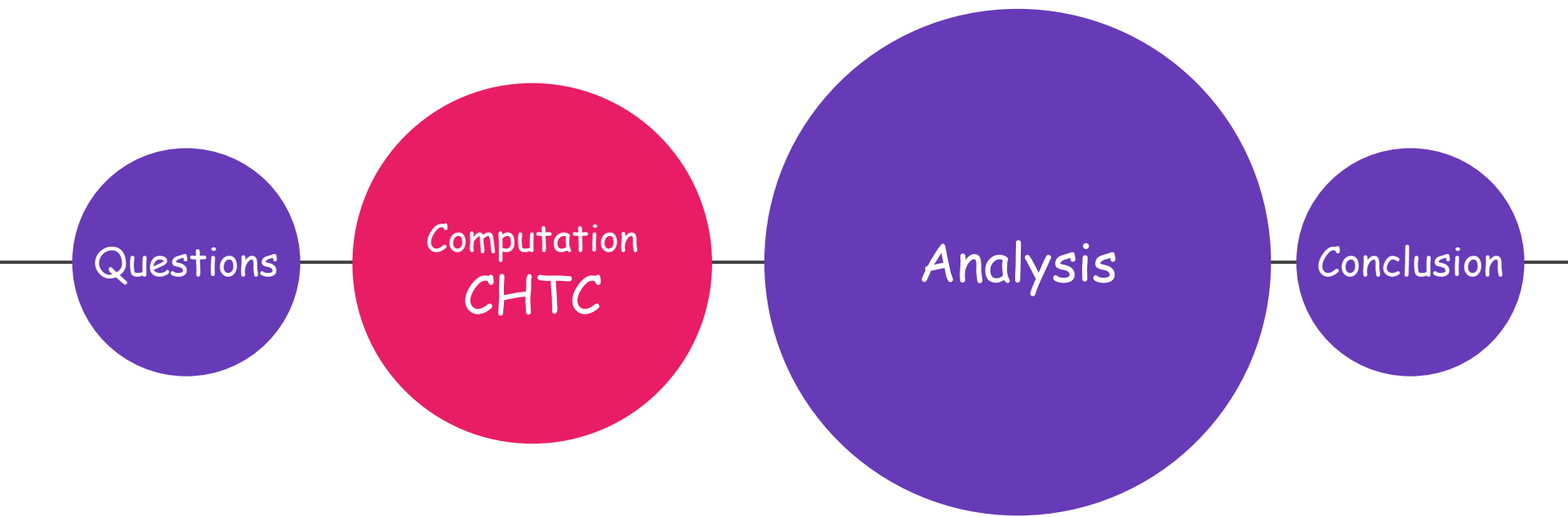
<https://www.imdb.com/interfaces/>

Remark

Our data is refreshed daily on website

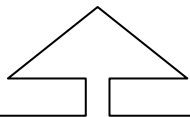
Typically, our code can get **real-time results**

Outline



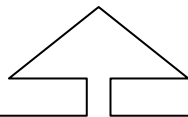
Computation on CHTC

835 Parallel Jobs
(835 combinations of
year and production)



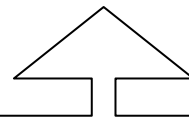
Time: around 15min
Disk: 200MB
Memory: 208MB
Cpus: 1

10 Parallel Jobs
(10 kinds of
production)



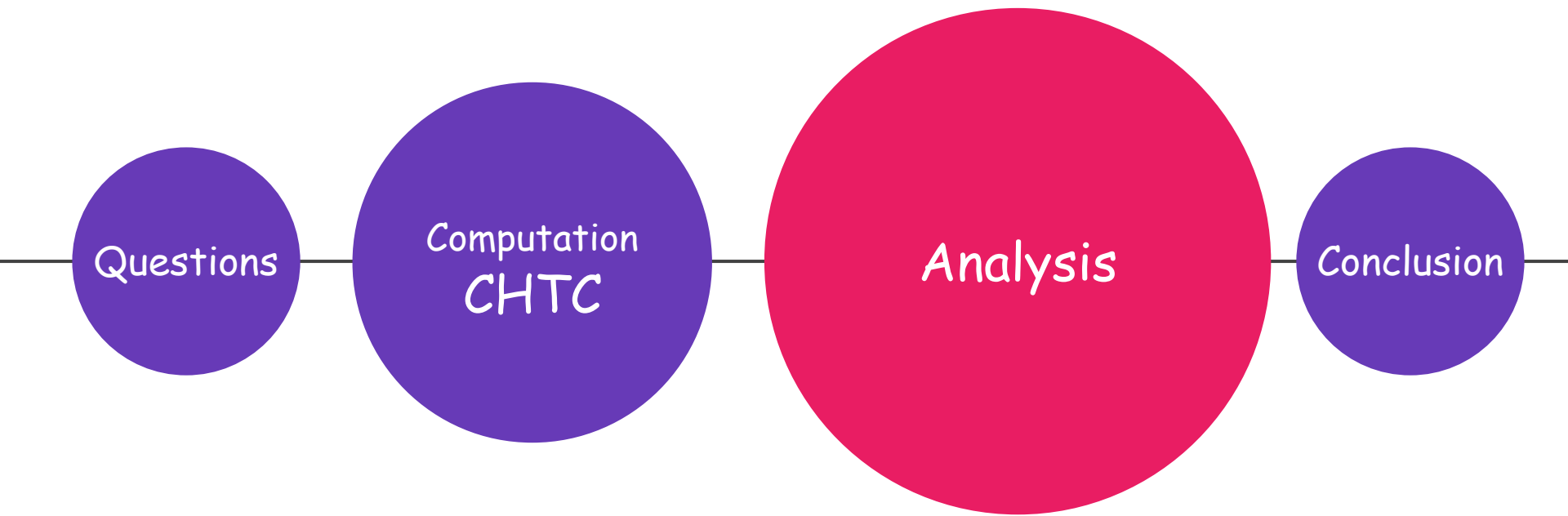
Time: around 20min
Disk: 400MB
Memory: 961MB
Cpus: 2

5 Parallel Jobs
(5 kinds of movie
people)

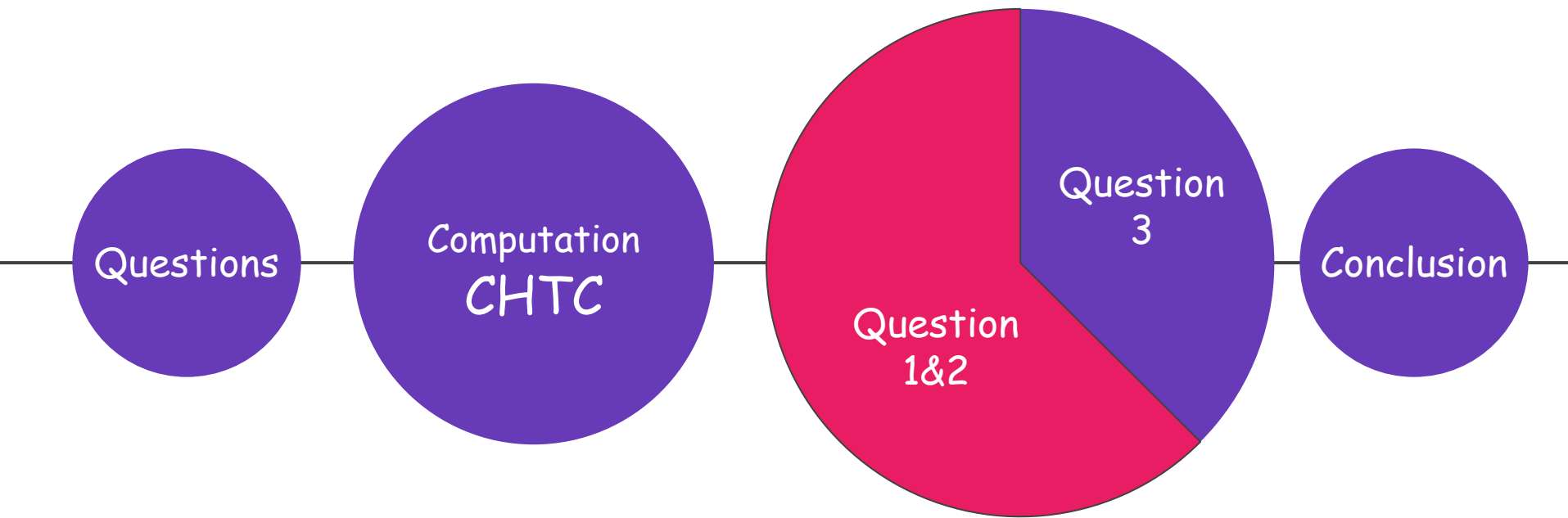


Time: around 20min
Disk: 1GB
Memory: 5GB
Cpus: 1

Outline

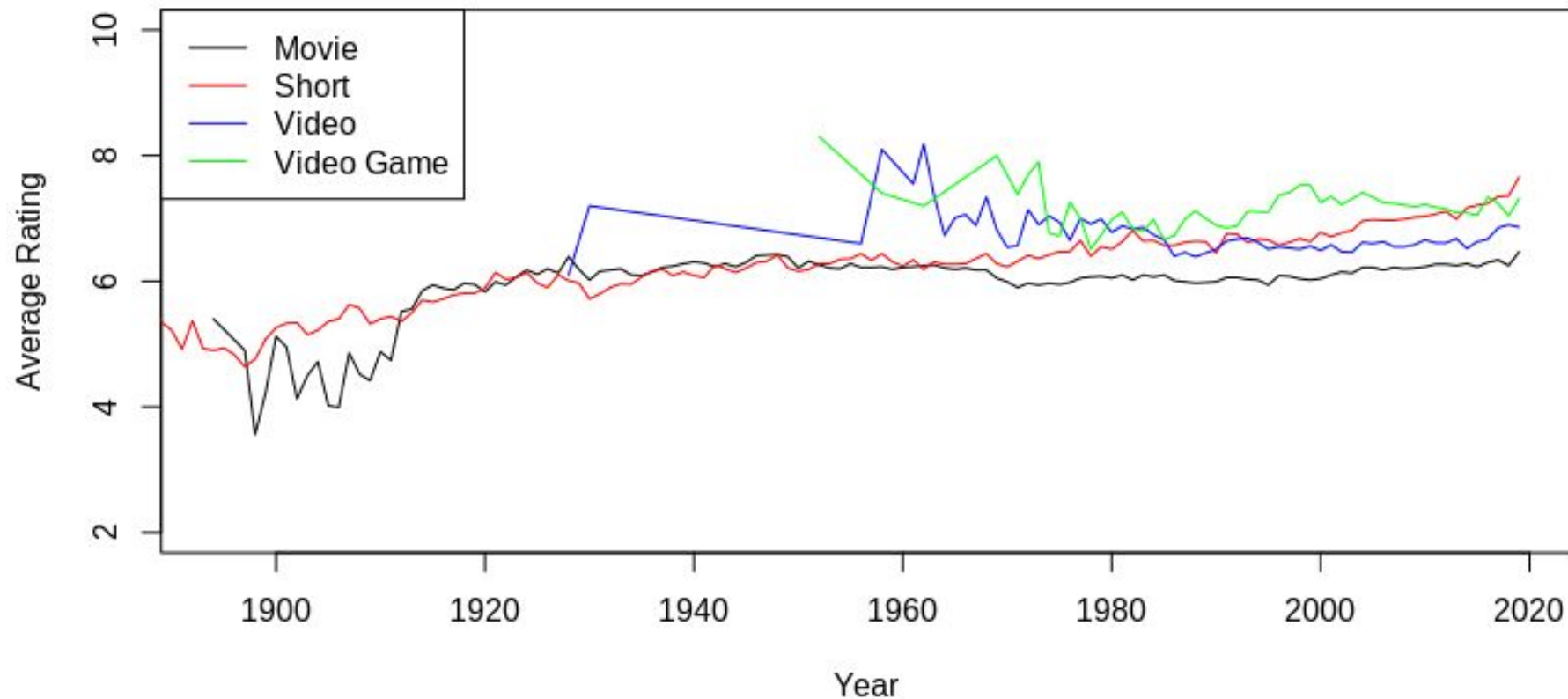


Outline



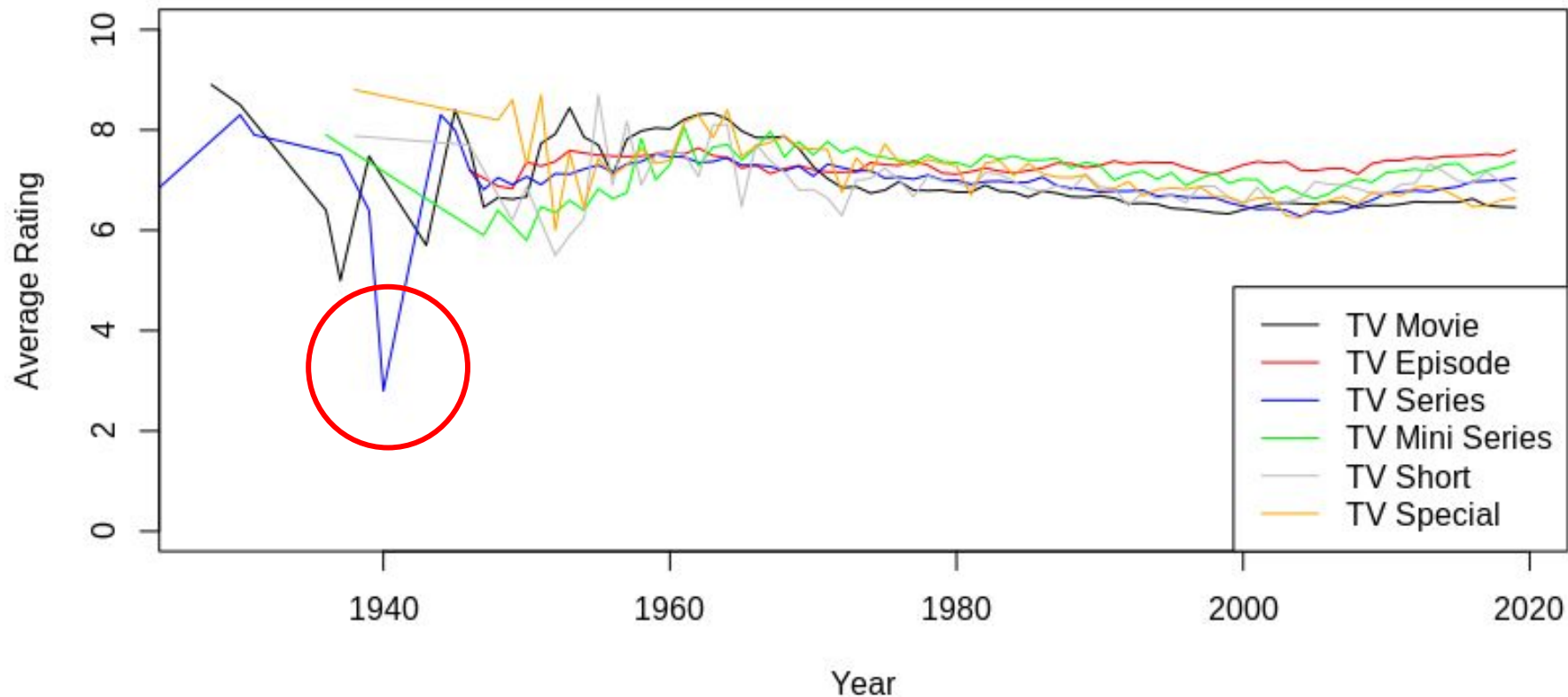
Average Ratings by category

Average Rating of Productions VS Year



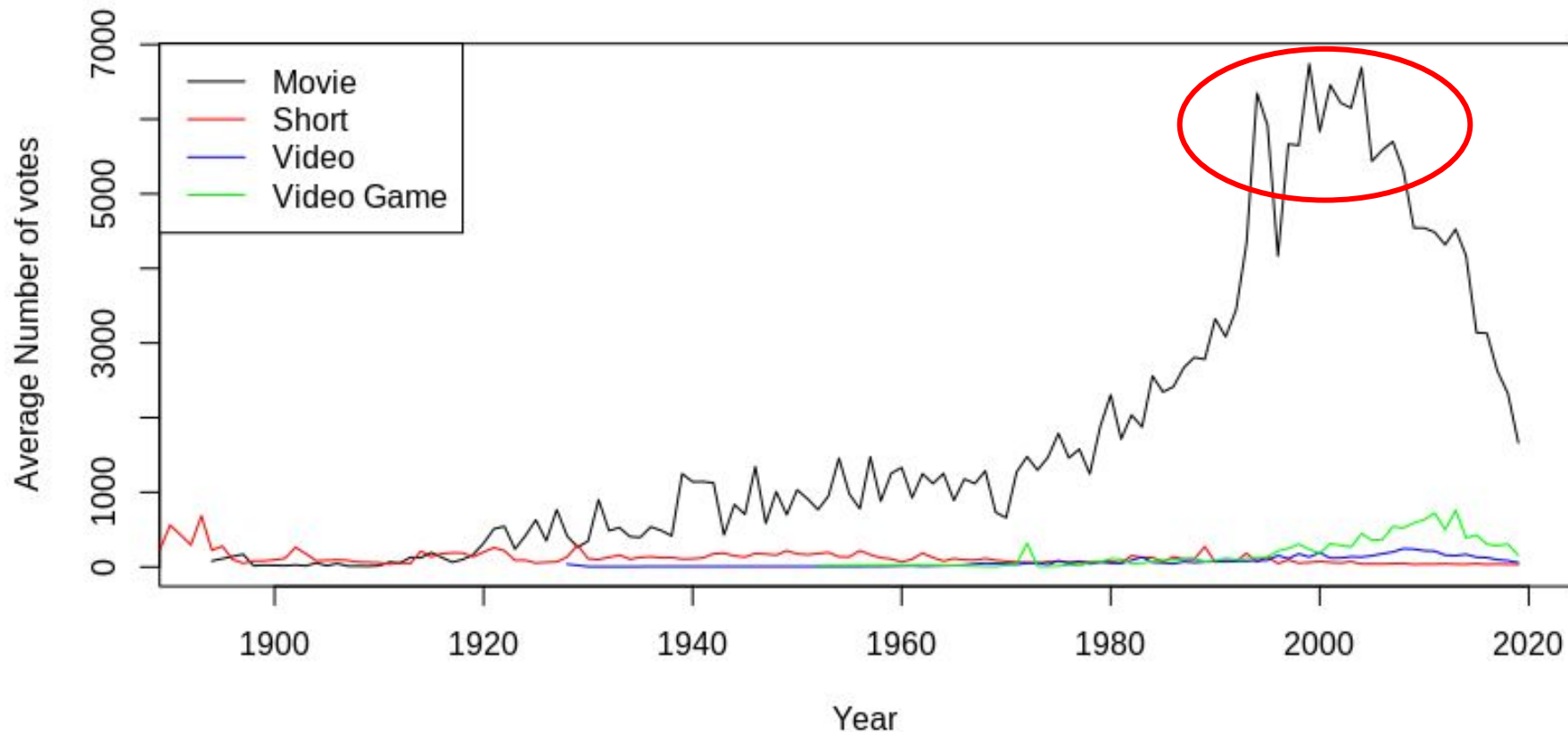
Average Ratings for TV categories

Average Rating of Productions VS Year



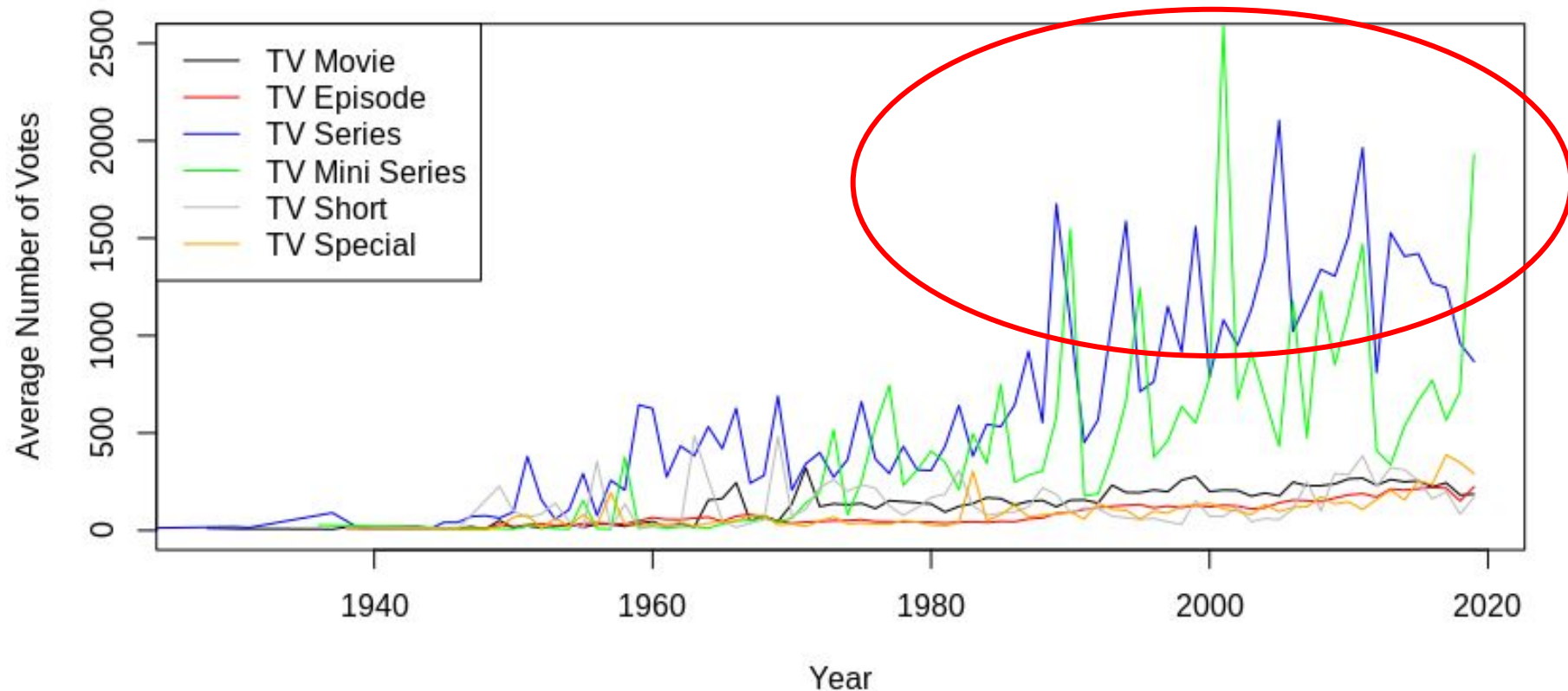
Audience Interest by category

Average Number of Voting of Productions VS Year

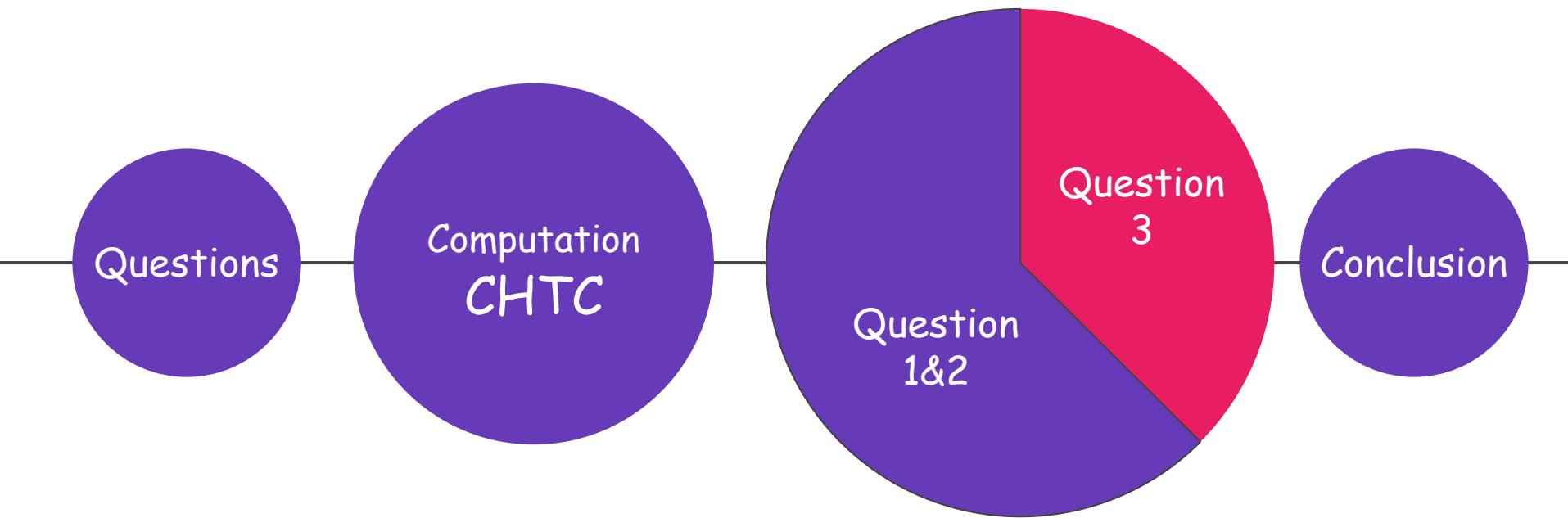


Audience Interest for TV categories

Average Number of Voting of Productions VS Year



Outline



Highest-rated IMDb production



Movie

10.0



Short

9.9



Video

9.6

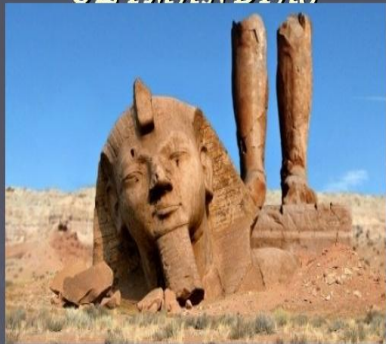


Video Game

9.8

Highest-rated IMDb production

OZYMANDIAS



KIU SKD Campus, English Literature
Group members:

➤ *Irshad Hussain*
➤ *Rabia Seeme*

НОВ
ЕТЪК
ЕТ
с КИТОДАР ТОДОРОВ

Lots of Voting

TV Episode

10.0

TV Series

9.9

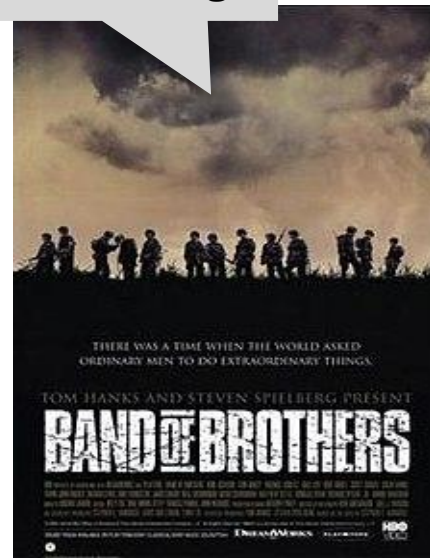
TV Short

8.6

TV MiniSeries

9.9

Lots of Voting



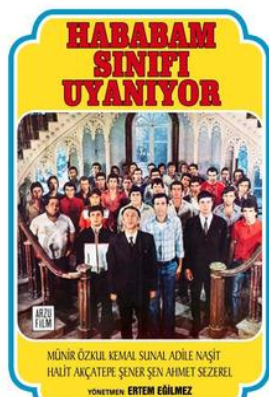
Highest rated Movie people

ACTOR



Name: Sitki Akçatepe

Average Rating: 8.7



Representative Movie:
The Chaos Class Is
Waking Up

Rating: 8.8

ACTRESS



Name: Parvathi

Average Rating: 8.6



Representative Movie:
Kireedam

Rating: 8.9

Highest rated Movie people

DIRECTOR



Name: Humayun Ahmed

Average Rating: 8.7



Representative Movie:
Aguner Poroshmoni

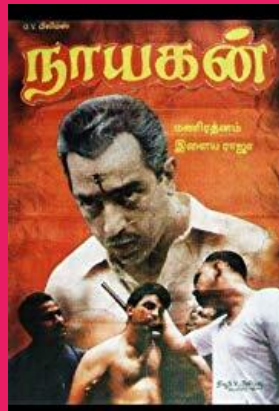
Rating: 9.1

PRODUCER



Name: Ravi Kishore

Average Rating: 8.7



Representative Movie:
Nayakan

Rating: 8.7

Highest rated Movie people

COMPOSER



Name: Ion Cristinoiu

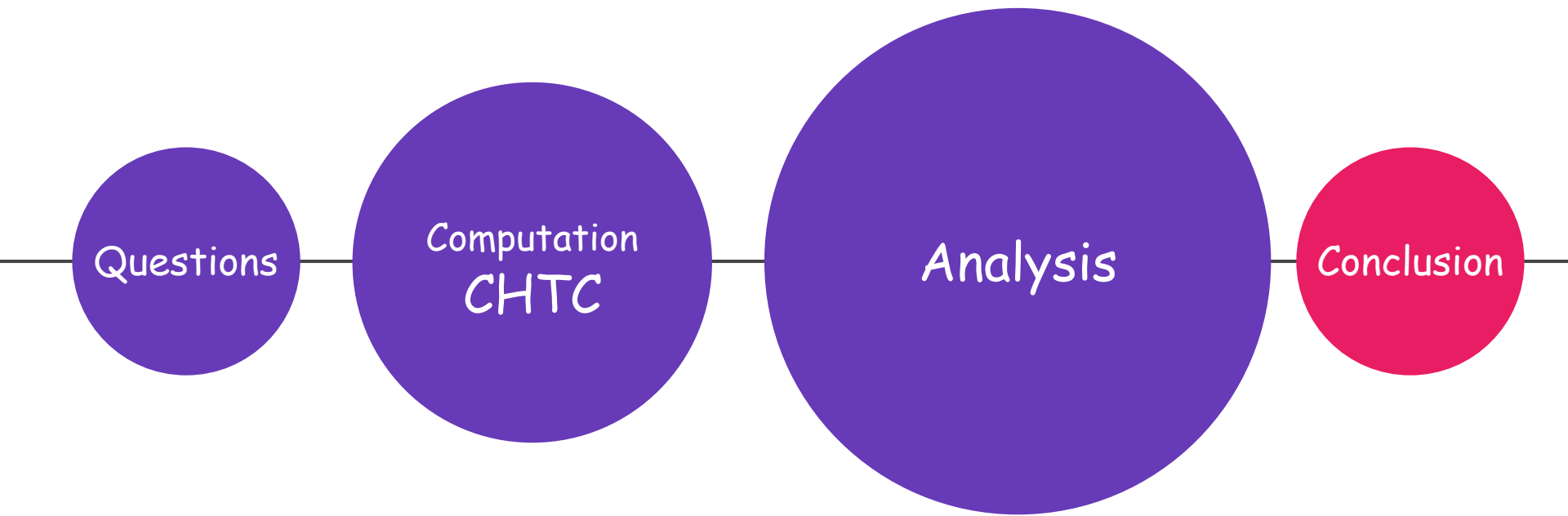
Average Rating: 8.6



Representative Movie:
B.D. In the Mountains
and on the Seaside

Rating: 8.6

Outline



Conclusion

- For most categories, ratings and audience interests don't change much over time.
- Movie is always dominated among the audience but most movies in the market do not get higher ratings.
- Modern entertainment and production, like video games and production by TV categories, are more and more popular in recent year, and at same time, they also get higher ratings.

Thank You !