

Analysi: Analysis for Microsoft towards break into the Film Production Industry

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## Overview

• Microsoft wants to participate in the fun of all the large firms producing original video content. They've made the decision to start a new film production company, but they have no experience. You have to find out what kinds of movies are currently performing the best at the box office. The next step is to transform your results into practical knowledge that the head of Microsoft's new film division may use to determine the kind of movies to make.



Data are movie datasets from:





- Box Office Mojo
- IMDB
- Rotten Tomatoes
- TheMovieDB
- The Numbers





# **Proposed deliverables**

**01** LENGTH OF MOVIE

Optimal length of movies

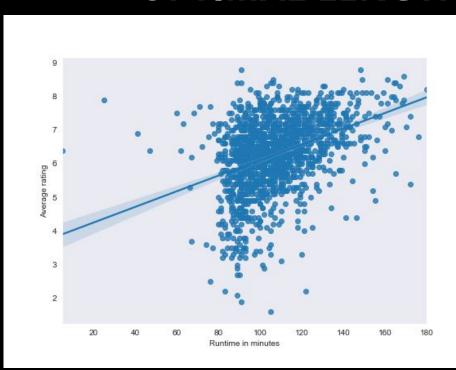
**02** TOP GENRES WITH THE HIGHEST RATING

Top 5 genres with the highest audience rating

**03** HIGHEST RETURN ON INVESTMENT

Top genres with the highest return on investment

## **OPTIMAL LENGTH OF MOVIES**

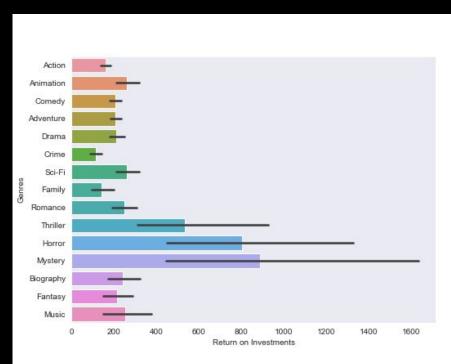


80 - 120 minutes

There is a relation between duration of movie and consumer rating

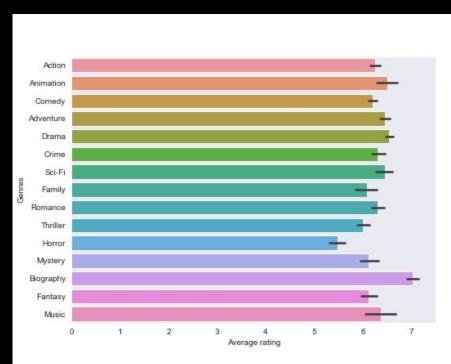
The graph shows that consumers probably lost interest in long movies.

## **GENRES WITH HIGHEST ROI**



- 1. Mystery
- 2. Horror
- 3. Thriller
- 4. Music
- 5. Animation





- 1. Biography
- 2. Animation
- 3. Drama
- 4. Sci-fi
- 5. Romance



#### **CHARACTERS FEATURES**

#### **METRIC**

OPTIMAL LENGTH OF MOVIES	80 - 120 minutes
TOP RATED GENRES	Mystery, Horror, Thriller, Music, Animation
GENRES WITH HIGH ROI	Biography, Animation, Drama, Sci-fi, Romance