

# Movie

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Data Analysis

The background of the slide features a close-up, artistic shot of several film reels and a strip of film. The film is a deep red color, and the reels are dark, possibly black or dark brown. The lighting is dramatic, with strong highlights and shadows, creating a sense of depth and texture. The film strip is coiled around the reels, and the overall composition is dynamic and visually appealing.

# Project Overview

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**Background:** Microsoft sees all the big companies creating original video content and they want to get in on the fun. They have decided to create a new movie studio.





## Tools

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- ❖ CSV
- ❖ Pandas
- ❖ Numpy
- ❖ Matplotlib
- ❖ Seaborn
- ❖ SQLite



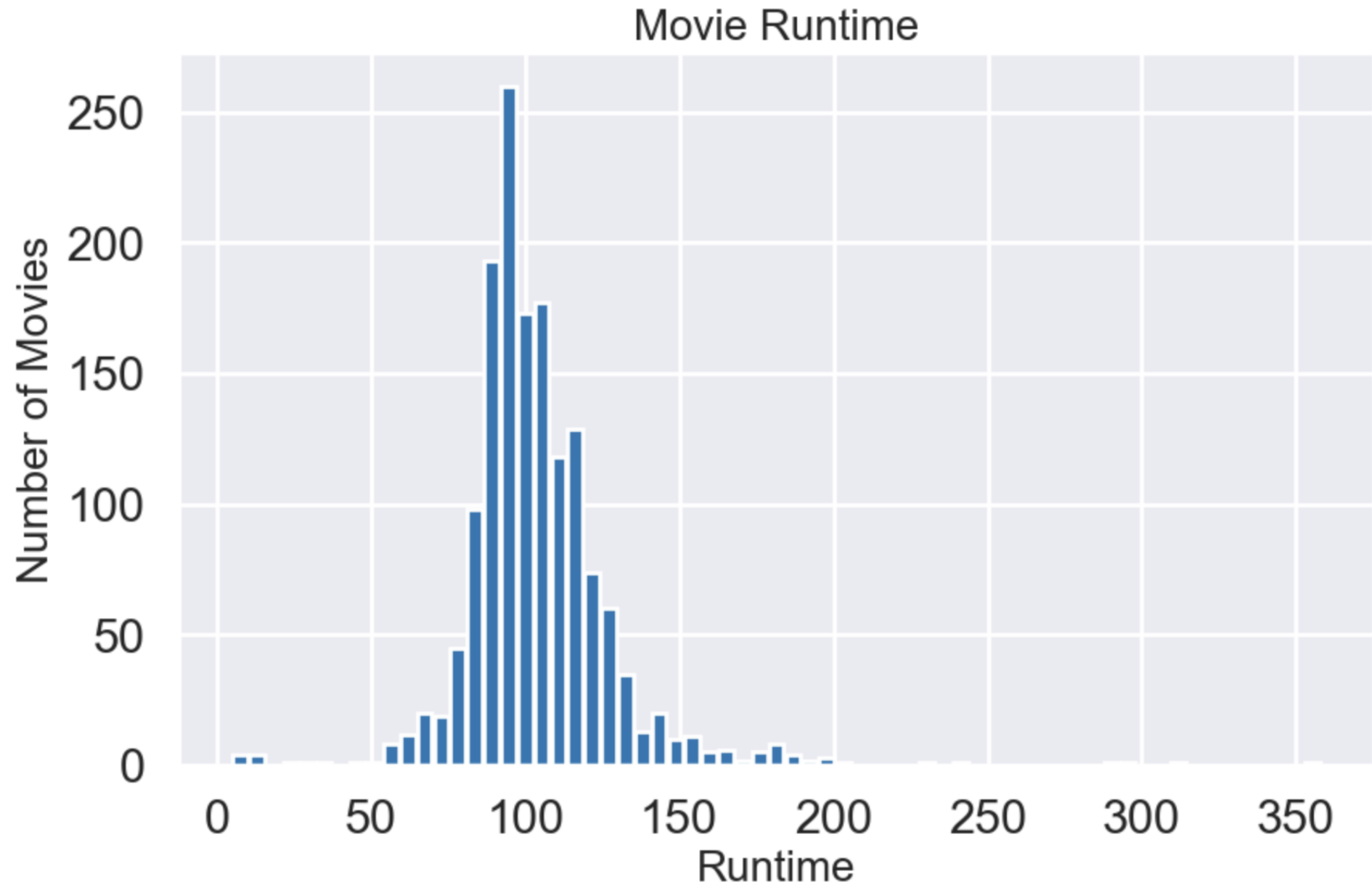
A close-up photograph of a film reel with red film strips. The film strips are unspooled and looped around the reel, creating a sense of motion and depth. The background is a soft, out-of-focus grey.

# Budget

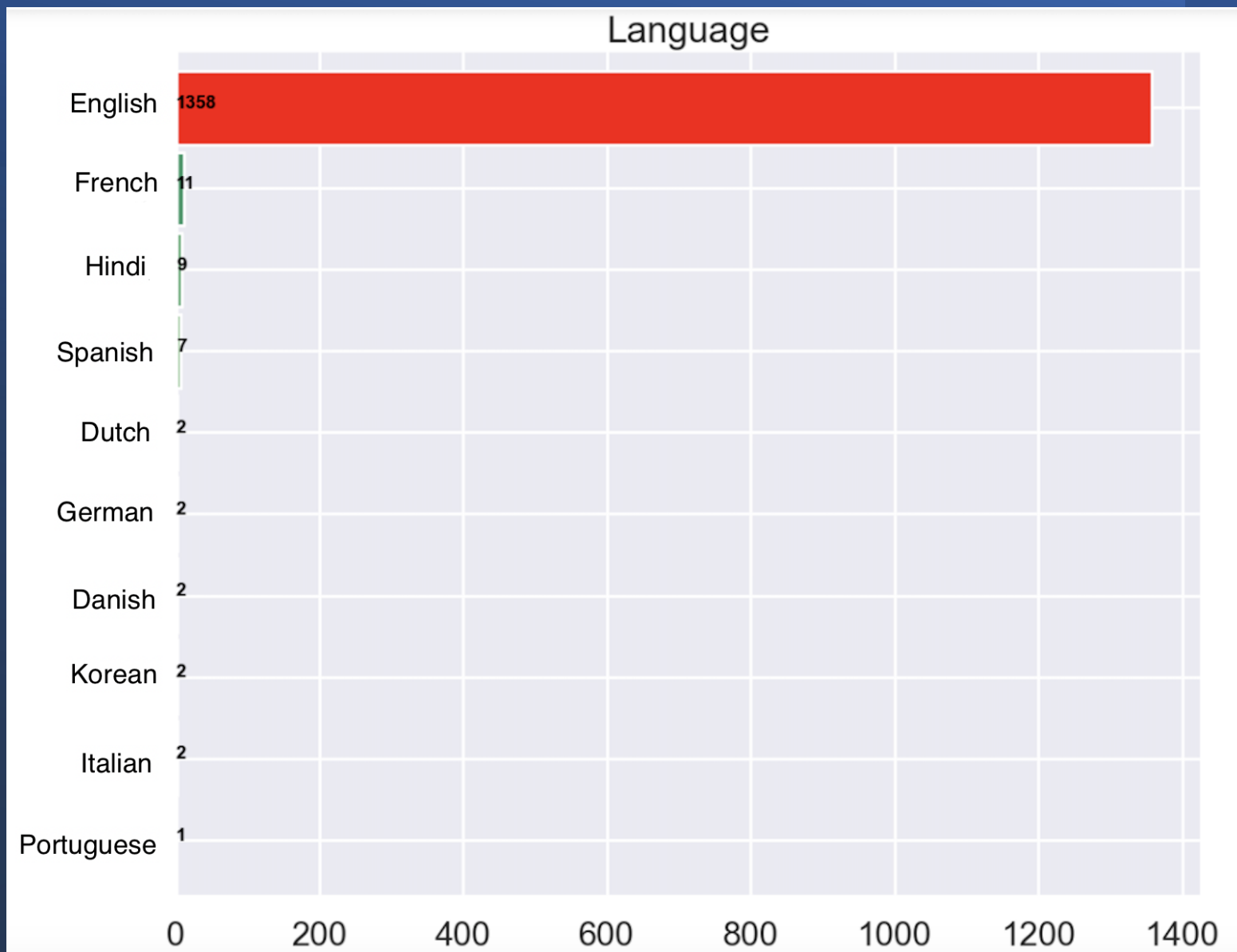
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\$31 million USD

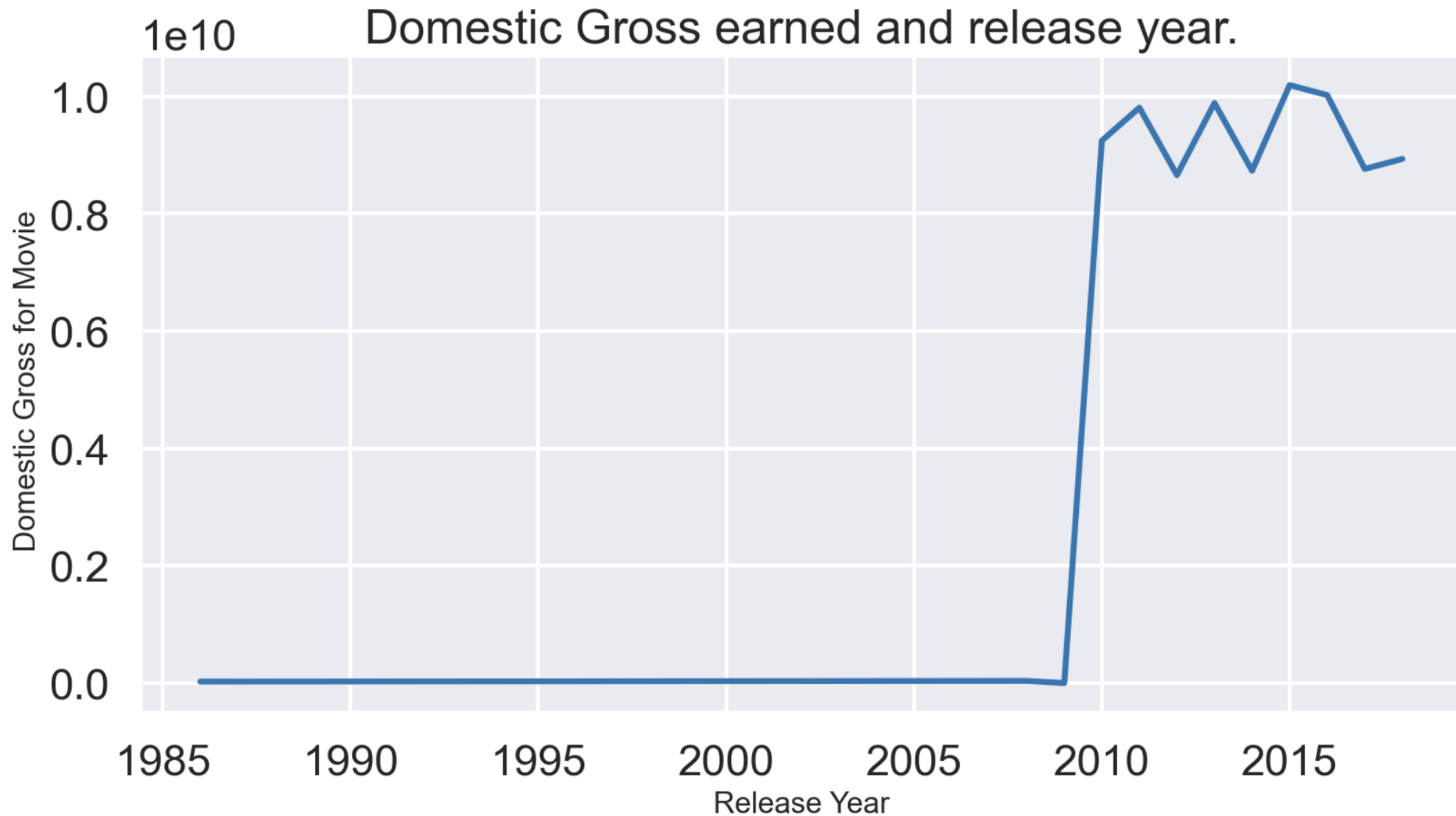
In this plot we can see that most movies in our dataset has runtime close to a 100 min



On this graph we can see that most of the movies are in English Language.



In this graph we can see successful year for movie released





# Top 3 Most Profitable Movies

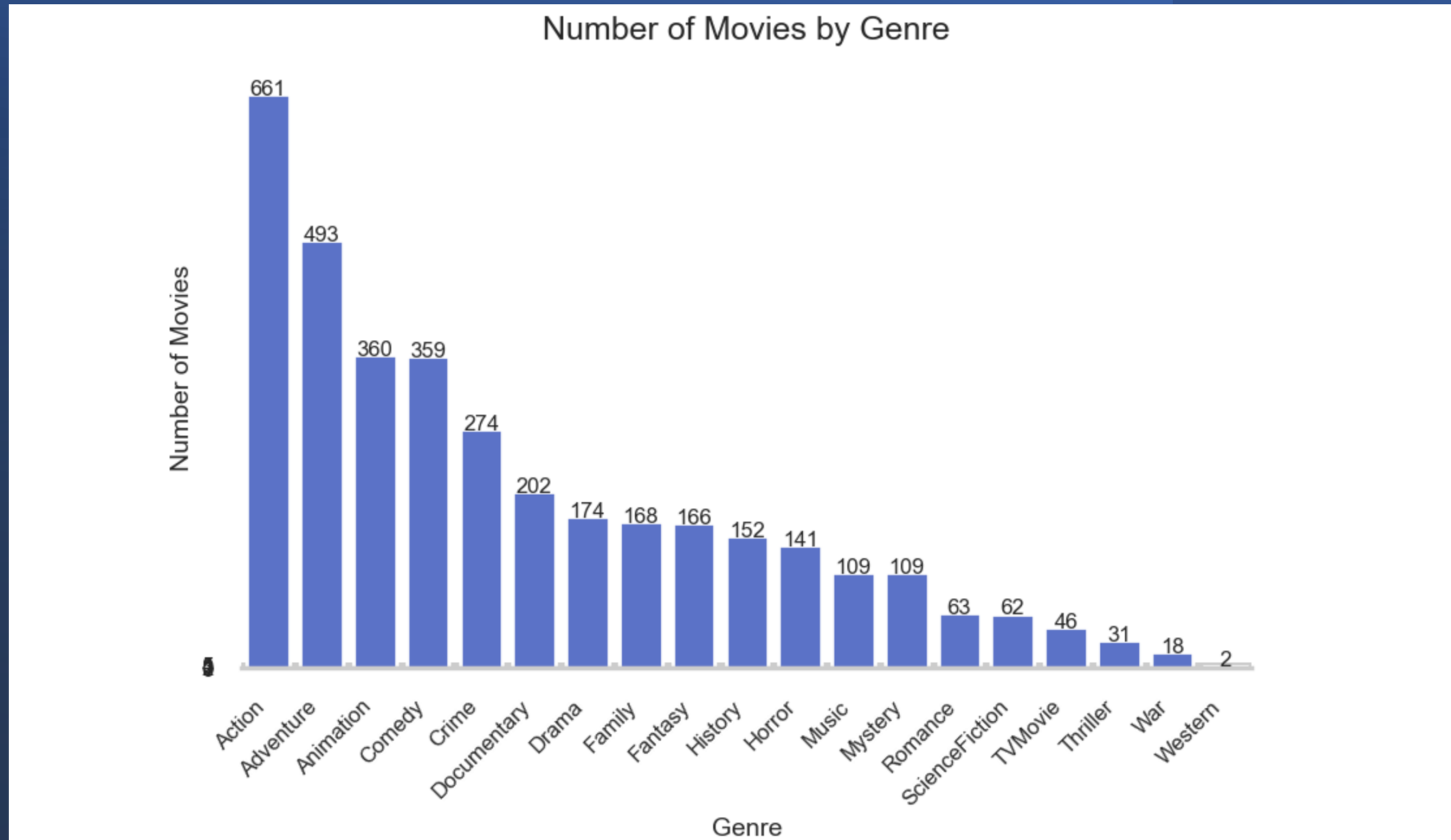
	title	domestic_gross	foreign_gross
1	Toy Story 3	415000000.0	652000000
2	Inception	292600000.0	535700000
3	Shrek Forever After	238700000.0	513900000



# Top 5 movies based on Popularity

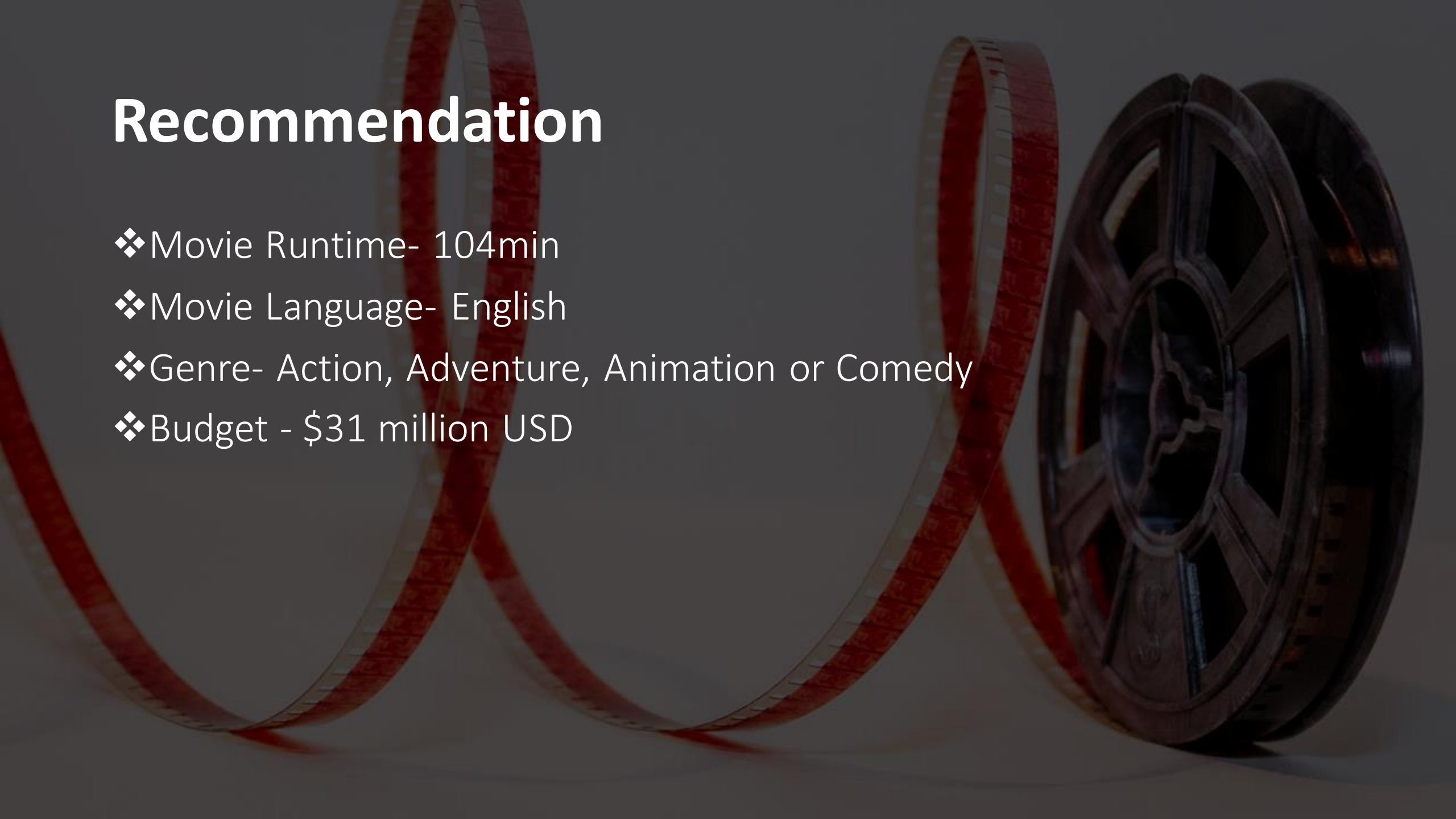
	title	popularity
3391	Avengers: Infinity War	80.773
1619	John Wick	78.123
1539	The Hobbit: The Battle of the Five Armies	53.783
1540	Guardians of the Galaxy	49.606
3047	Blade Runner 2049	48.571

We can see that for the company it would be the best to produce Action, Adventure, some comedy or animation.



# Recommendation

- ❖ Movie Runtime- 104min
- ❖ Movie Language- English
- ❖ Genre- Action, Adventure, Animation or Comedy
- ❖ Budget - \$31 million USD



# Profit

- ❖ Worldwide gross \$60 million USD
- ❖ Worldwide profit \$29 million USD
- ❖ Domestic gross \$41 million USD
- ❖ Domestic profit \$10 million USD







# Next Step

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- ❖ Director
- ❖ Writers
- ❖ Actors





*Thank you*

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