Project #2:

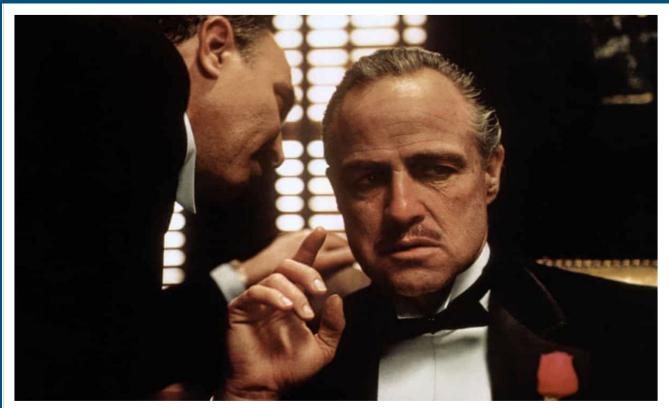


Movie Mojo

Sasha Prokhorova

MOVIE INDUSTRY:

SEARCH FOR A SUCCESS DRIVER



▲ Marlon Brando in The Godfather, an example of a movie with a man in a hole story arc. Photograph: Allstar/Paramount

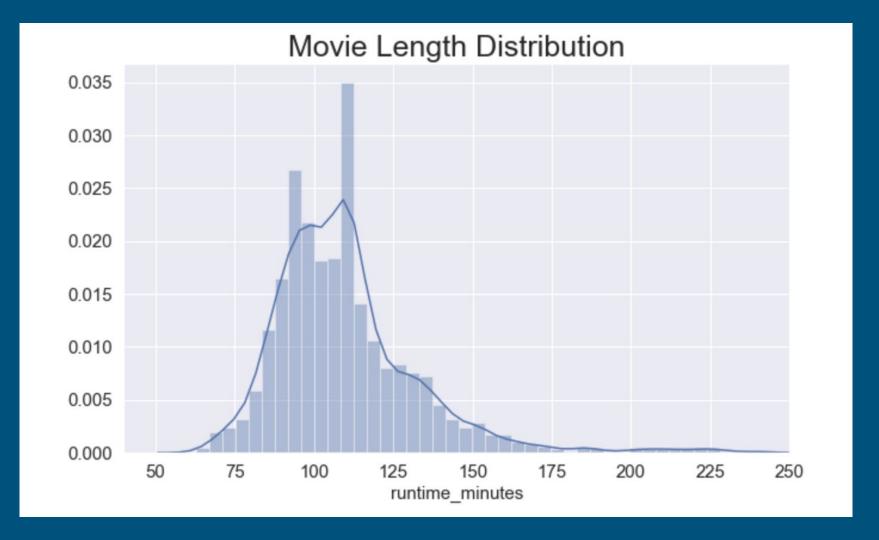
Is there a hidden component 7

Methodology:

- Data collection
- Analysis
- Modeling

Variables to consider:

- Length of a movie
- Rating
- Budget



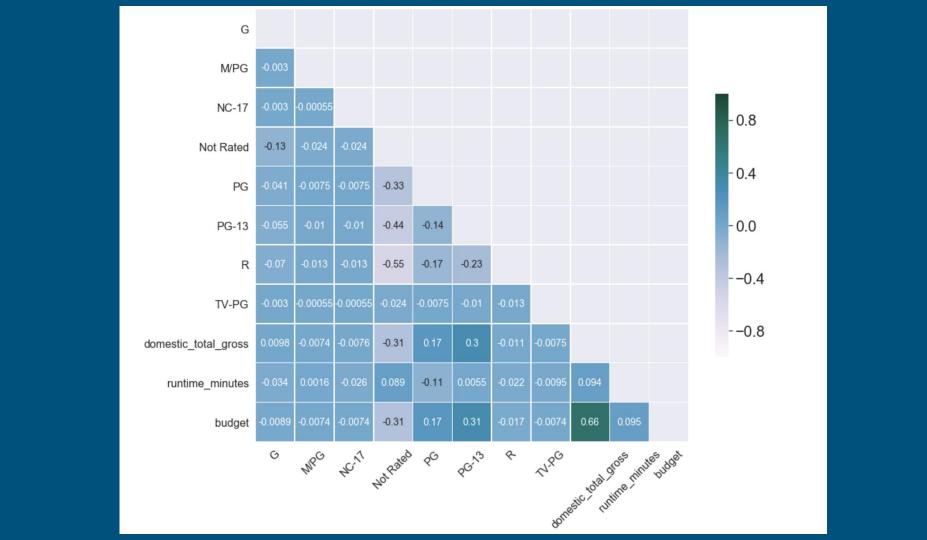
An 8-hour movie

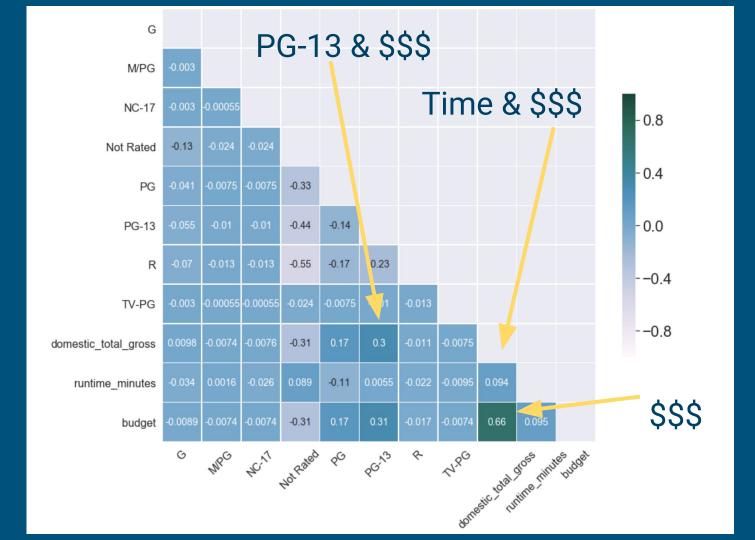
25	movie_title	domestic_total_gross	runtime_minutes
1561	Eight Hours Don't Make a Day	19987	476.0
489	War and Peace	148503	422.0

A 7-hour movie

One-hour movies

budget	rating	ninutes	.runtime_m	domestic_total_gross	movie_title		
0	R	63.0		15712	741 Trinity Seven The Movie 2: Heavens Library & C	741	
0	Not Rated	66.0		60078	585 Just One Drop	1585	
0	Not Rated	67.0		35757	491 The Road Movie	1491	







General Audience >

All Ages Admitted

9



CHECK THIS BOX FOR SPECIFIC CONTENT INFORMATION

Some Material May Not Be Suitable for Children

Parental Guidance >



CHECK THIS BOX FOR SPECIFIC CONTENT INFORMATION

Some Material May Be Inappropriate for Children Under 13 (EIII)

Parental Guidance-13



CHECK THIS BOX FOR SPECIFIC CONTENT INFORMATION

Under 17 Requires Accompanying Parent or Adult Guardian

Restricted >

Restricted-17



CHECK THIS BOX FOR SPECIFIC CONTENT INFORMATION

No One 17 and Under Admitted

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Just a little refresher...

Results:

 $r^2 = 0.486$

Future Work:

- More data
- Better models
- Incorporate genres and reviews