

# Project #2:

Movie Mojo

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# **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  
?

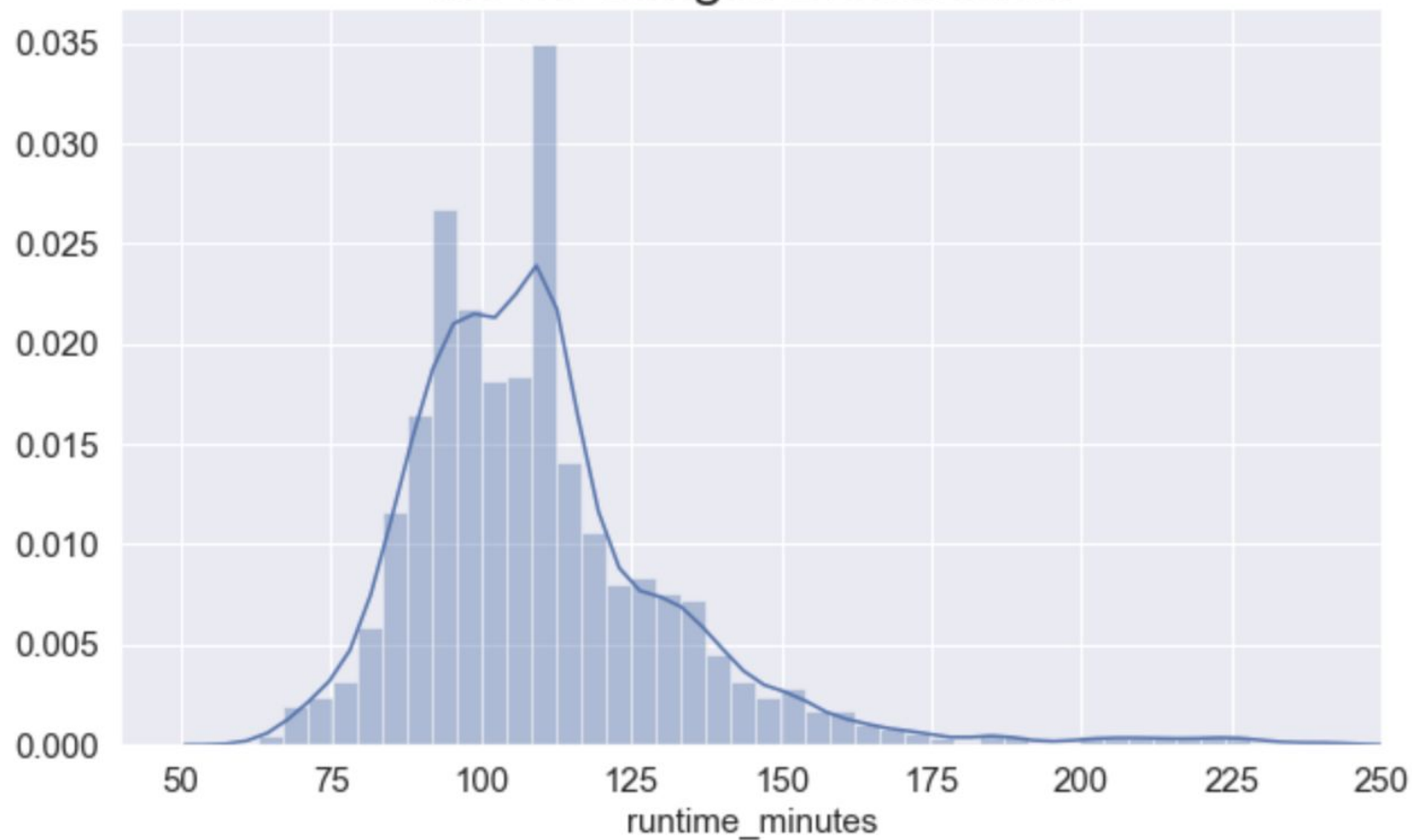
# Methodology:

- Data collection
- Analysis
- Modeling

# Variables to consider:

- Length of a movie
- Rating
- Budget

## Movie Length Distribution



## An 8-hour movie

	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

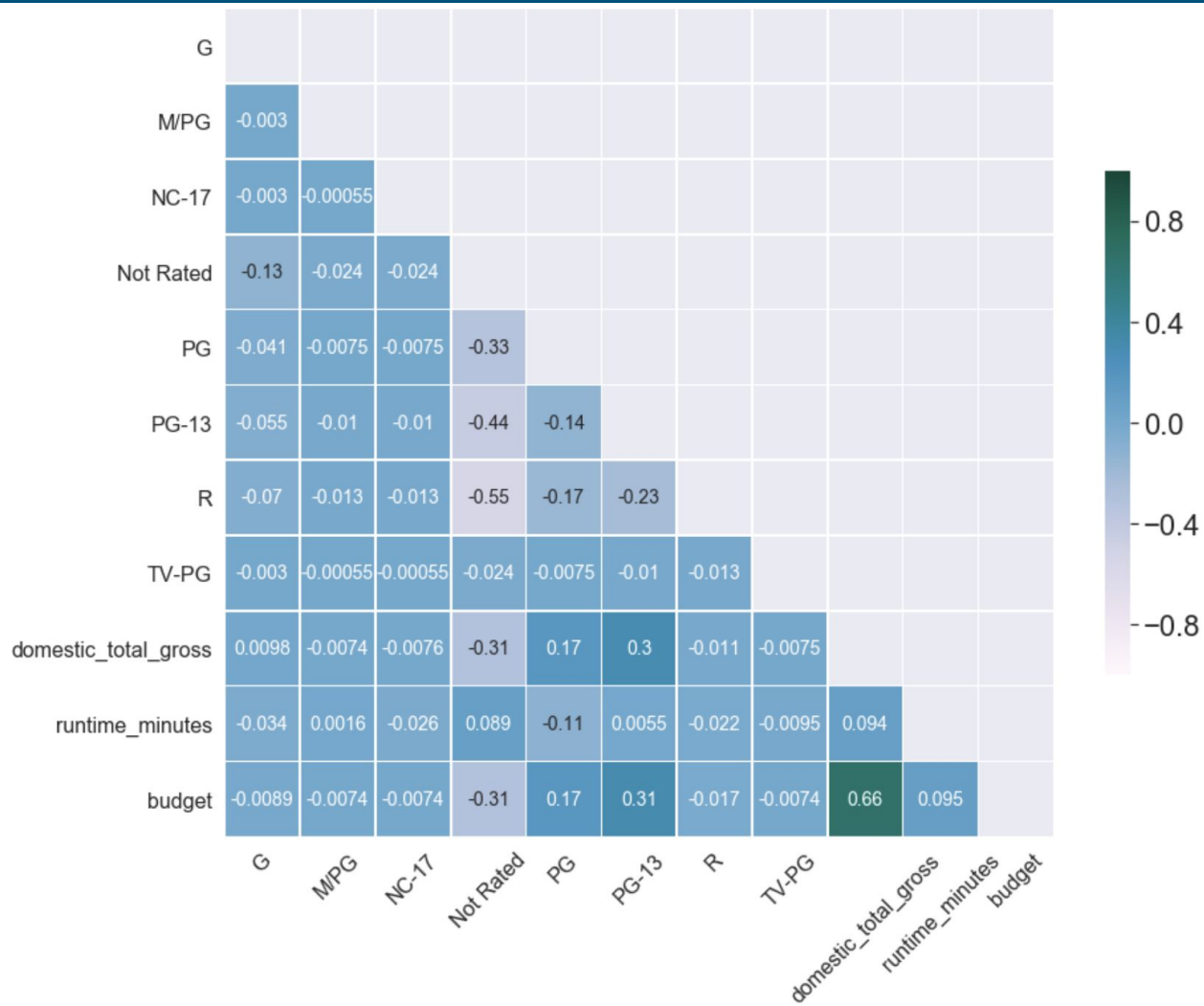
## A 7-hour movie

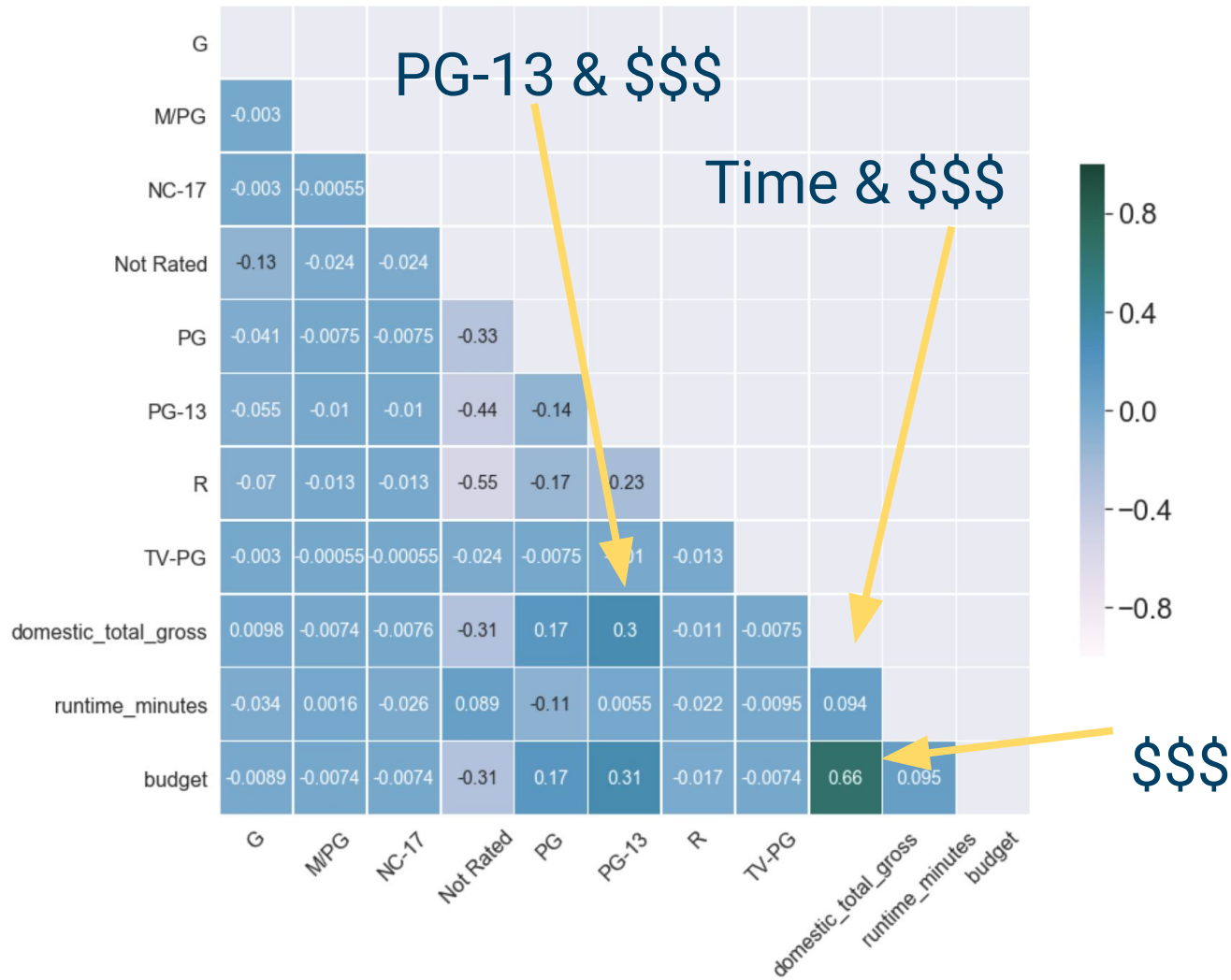
# One-hour movies

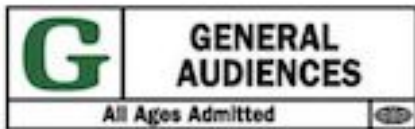


	movie_title	domestic_total_gross	runtime_minutes	rating	budget
741	Trinity Seven The Movie 2: Heavens Library & C...	15712	63.0	R	0
1585	Just One Drop	60078	66.0	Not Rated	0
1491	The Road Movie	35757	67.0	Not Rated	0









General Audience >



Parental Guidance >



Parental Guidance-13



Restricted >



Restricted-17

# Just a little refresher...

# Results:

$$r^2 = 0.486$$

# Future Work:

- More data
- Better models
- Incorporate genres and reviews