



Metacritic Movie Review Analysis

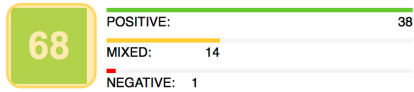
Josh Vichare

Outline

1. Questions I wanted to answer
2. Method of data scraping
3. Movie genre preliminary analysis
4. Word choice in both types of reviews
5. Sentiment analysis correlation with review score

Scrapy Spider Setup

Metascore



Critic Reviews

100 **Total Film** - **Matt Maytum**
Apr 24, 2018

The Avengers latest stand feels well worth the wait. It's not perfect, but it goes to a place most tentpole movies wouldn't dream of, while retaining the scale, excitement, and humour you've come to demand from an MCU movie. [Read full review](#)

89 **The Atlantic** - **Christopher Orr**
Apr 26, 2018

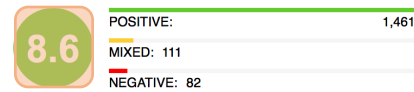
Never has the "Marvel Cinematic Universe" seemed like more of a universe, in ways both good and bad. Infinity War—the title is almost too apt—is a narrative juggling act the likes of which I'm not sure I've ever seen before. It is far from a perfect movie, but it is probably close to the best movie it could have been. [Read full review](#)

80 **The Hollywood Reporter** - **Todd McCarthy**
Apr 24, 2018

With so many ingredients to stir into this overflowing pot, you have to hand it to the two experienced teams of Marvel collaborators who had a feel for how to pull this magnum opus off. [Read full review](#)

User Score

[Write a Review](#)



User Reviews

10 **Moche1**
Apr 27, 2018

I expected to be disappointed, but this movie delivers on all fronts. Thanos is genuinely a revelation and thankfully not only feels completely real in the CGI sense but also capture every last detail of Brolin's performance. I was completely engrossed for the entire movie. The Russo's wield... [Expand](#)

👍 105 🗨️ 13

10 **Chumbrega**
May 7, 2018

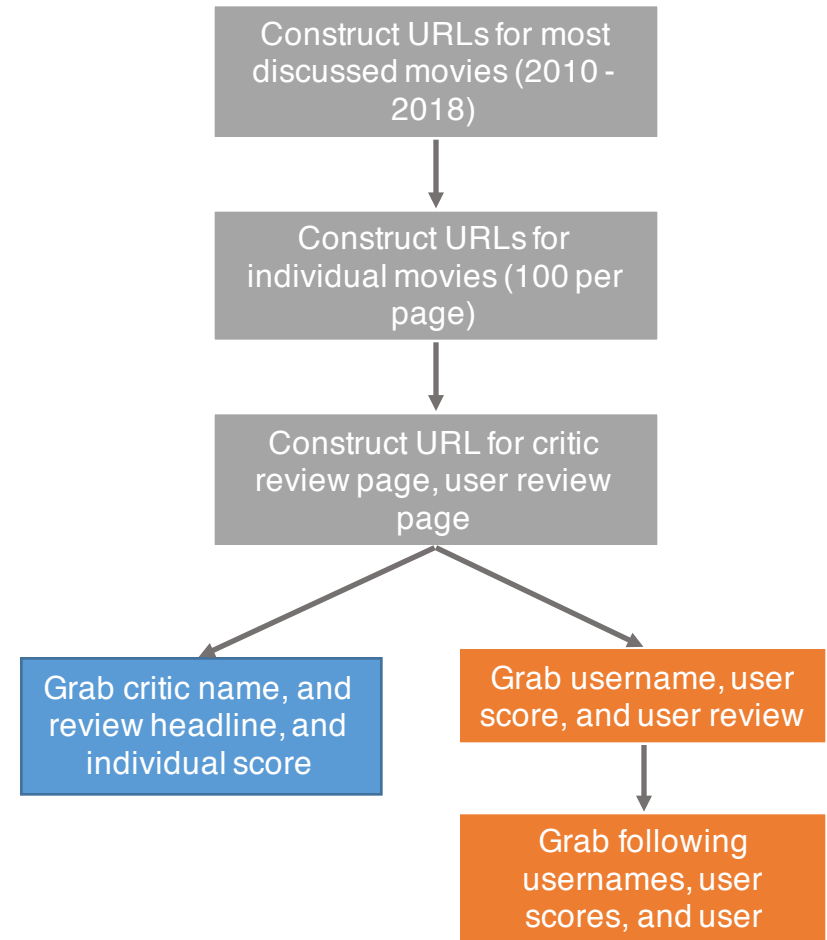
Sem comentários, muito bom mesmo. A forma com que Thanos age é de arrepiar em todo o desenvolver do filme.

👍 0 🗨️ 1

10 **maxmaaaxc**
Apr 27, 2018

Just something out of this world literally. Excellent direction, good plot and unexpected, Marvel delivered a movie to remember.

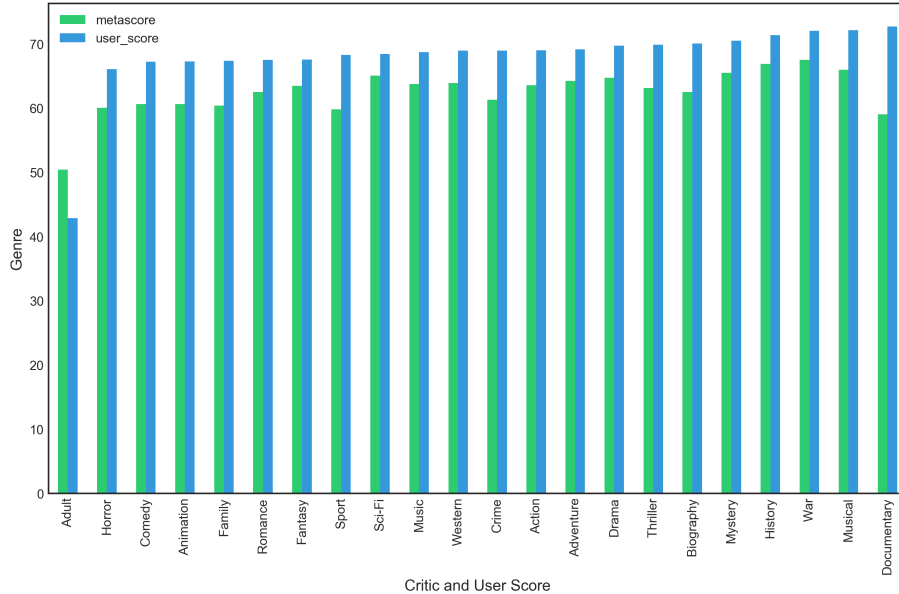
👍 3 🗨️ 2



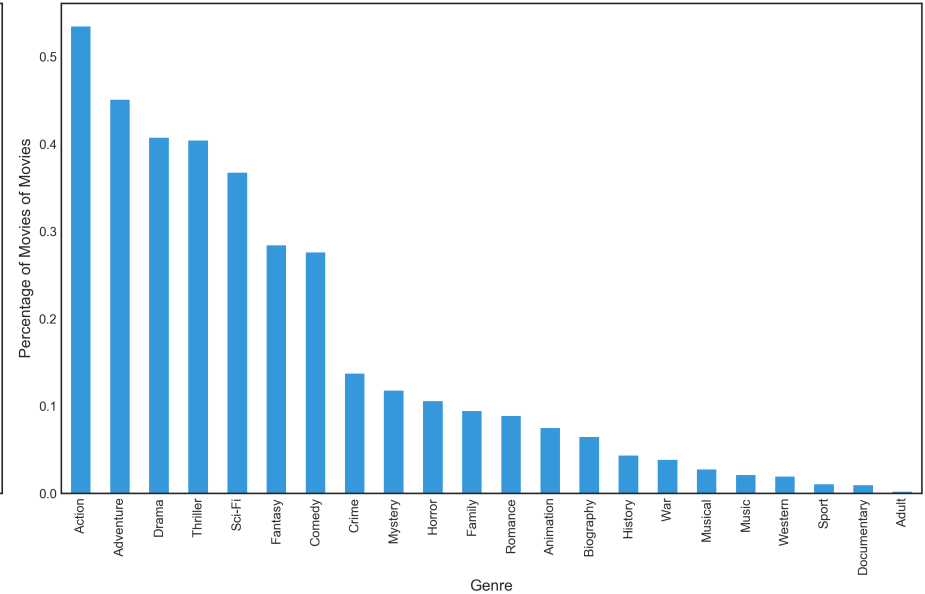
Movie Genre Distribution

“What types of movies are the most discussed?”

User and Review Score per Genre

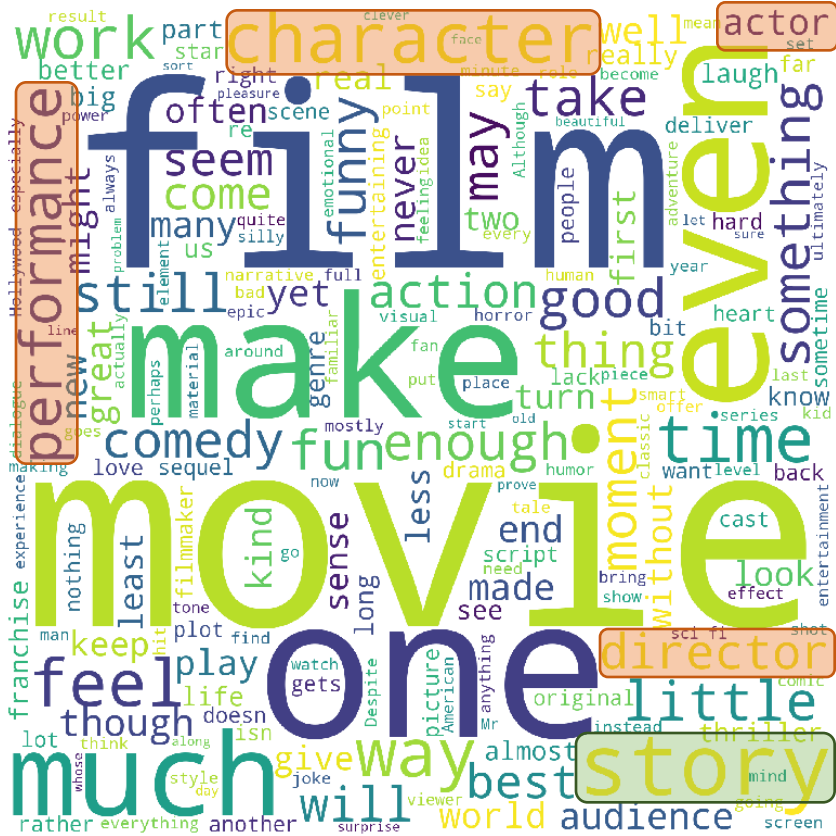


Genre Breakdown of Most Discussed Movies on Metacritic

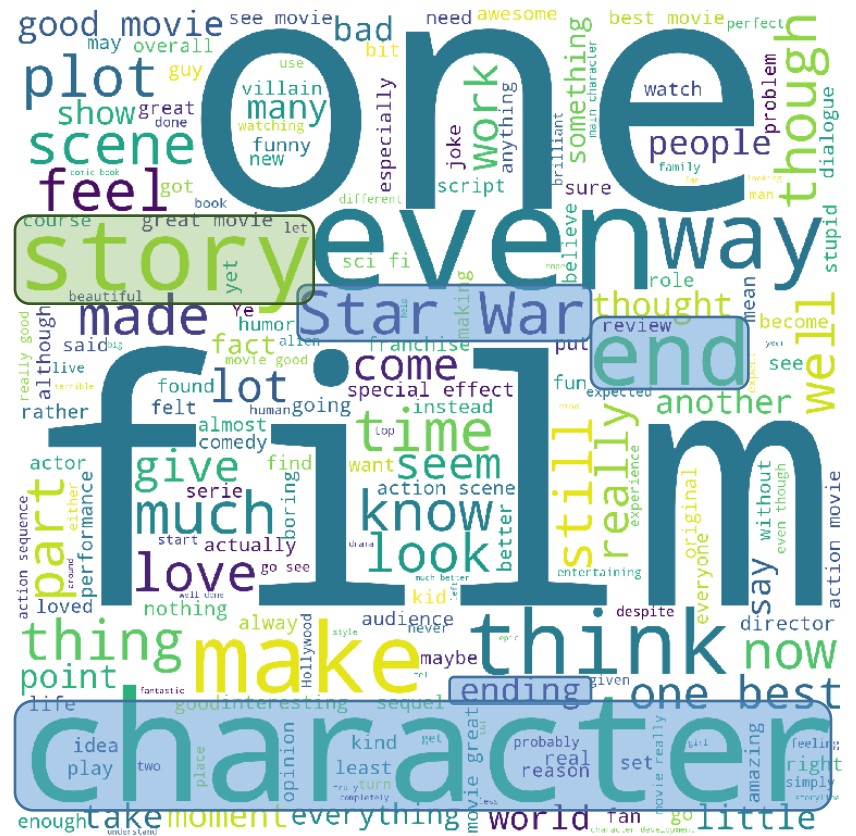


- For almost every genre, the user score is higher
 - Largest divide found in documentaries
- Most movies fit into action (over 50%), large drop off after comedy

Critic Reviews



User Reviews



Score Differential – Critic to User

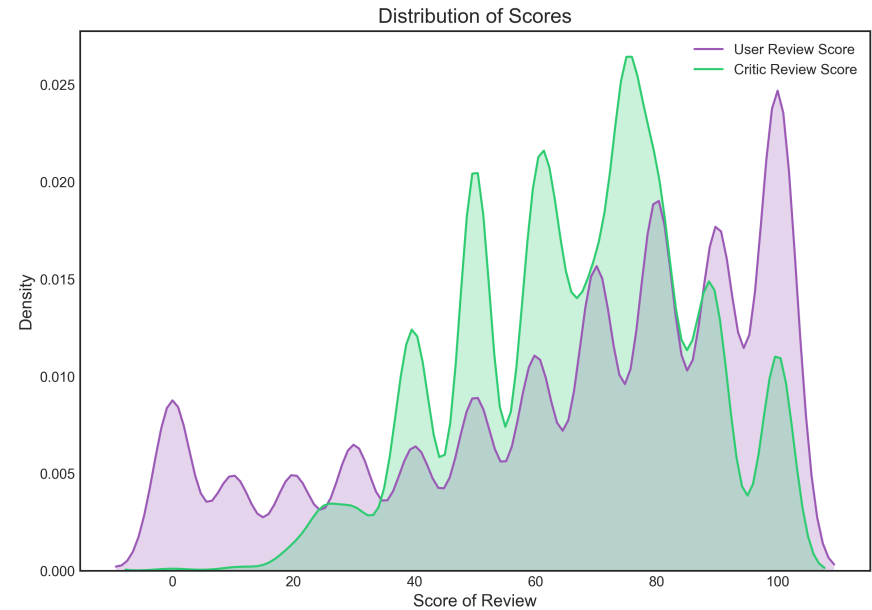
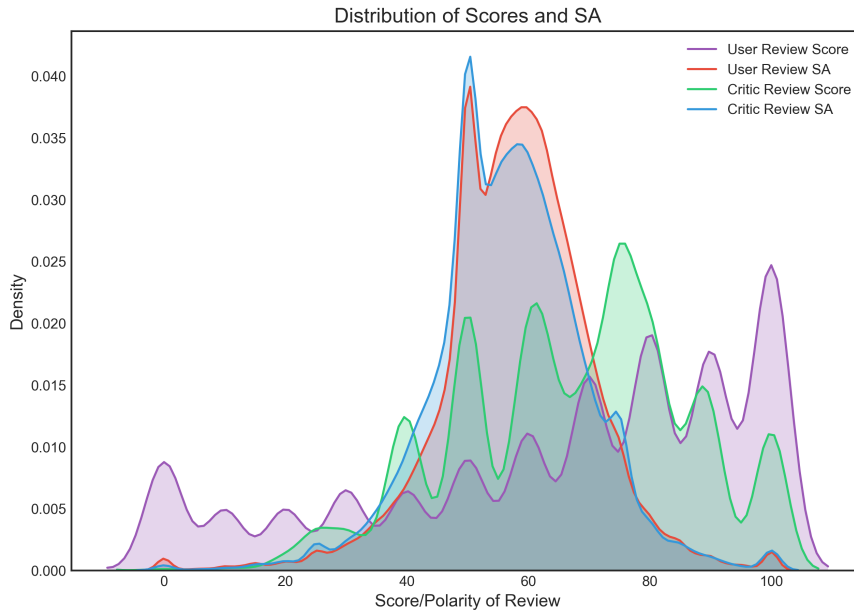
“Where do critics and users disagree the most?”

	metascore	user_score	score_diff
movie			
Star Wars: Episode VIII - The Last Jedi	85	46.0	39.0
Justin Bieber: Never Say Never	52	16.0	36.0
Ghostbusters	60	29.0	31.0
Oculus	61	34.0	27.0
Moonlight	99	72.0	27.0
Zero Dark Thirty	95	69.0	26.0
Spy	75	50.0	25.0
A Wrinkle in Time	53	28.0	25.0
Boyhood	100	77.0	23.0
Justin Bieber's Believe	39	16.0	23.0
Love and Other Drugs	55	33.0	22.0
Greenberg	76	54.0	22.0
Black Panther	88	67.0	21.0
Journey's End	73	52.0	21.0
All Is Lost	87	66.0	21.0
The Florida Project	92	72.0	20.0
45 Years	94	74.0	20.0
Lady Bird	94	74.0	20.0
Tinker Tailor Soldier Spy	85	66.0	19.0
Trainwreck	75	56.0	19.0

	metascore	user_score	score_diff
movie			
The Vanishing Of Sidney Hall	18	73.0	-55.0
Warcraft	32	82.0	-50.0
I Can Only Imagine	29	78.0	-49.0
Hillary's America: The Secret History of the Democratic Party	2	47.0	-45.0
America: Imagine a World Without Her	15	59.0	-44.0
The Miracle Season	44	88.0	-44.0
Death Wish	31	74.0	-43.0
Bright	29	72.0	-43.0
Only God Forgives	37	79.0	-42.0
The Oogieloves in the Big Balloon Adventure	32	74.0	-42.0
Little Fockers	27	68.0	-41.0
Devil	44	85.0	-41.0
The Outsider	30	69.0	-39.0
Kingsglaive: Final Fantasy XV	35	74.0	-39.0
2016: Obama's America	28	65.0	-37.0
Remember Me	40	77.0	-37.0
Freak Show	54	91.0	-37.0
Ratchet & Clank	29	65.0	-36.0
My Name Is Khan	50	86.0	-36.0
The Darkest Hour	18	52.0	-34.0

Score Distribution and Sentiment Analysis

“How does metacritic calculate critic review scores?”



- Pearson correlation coefficient for user review score and SA – 0.5091
- Pearson correlation coefficient for critic review score and SA – 0.2443
 - Could be much lower due to critic reviews being the headline of the full review