

What is Sentiment Analysis?

How Machines
Classify Reviews

IBM Watson

- A Natural Language Processing program:
 - assigns a number between -1 (very negative) and 1 (very positive) to each text
 - determines how many different emotions (joy, anger, etc.) the text shows
 - decides which words are the important words - think “keywords”
 - tells you which parts of speech (noun, verb, etc.) each word in the text is

ACTIVITY SLIDE

- Feed the reviews on the following slides to IBM Watson here:
<https://natural-language-understanding-demo.ng.bluemix.net/>

DISCUSSION

How accurate was the machine's classification? Is that accuracy a problem?

- Where did Watson agree with your classification? Where didn't it? Why?
- What might be some problems with incorrect classification?
- Was it correct more often than it was incorrect? Is this amount of accuracy ok?

Reviews

Reviews

- This is the most generic superheroes movie, literally you can predict what happen next, if you want see a movie just to relax your brain, this is the best choice

Reviews

- After the events of Captain America: Civil War, Prince T'Challa returns home to the reclusive, technologically advanced African nation of Wakanda to serve as his country's new king. However, T'Challa soon finds that he is challenged for the throne from factions within his own country. When two foes conspire to destroy Wakanda, the hero known as Black Panther must team up with C.I.A. agent Everett K. Ross and members of the Dora Milaje, Wakandan special forces, to prevent Wakanda from being dragged into a world war.

Reviews

- This film is amazing watched in imax 3d. I watch most comic book movies this way for the last ten years,black panther is on another level for a standalone film the action affects story pacing brilliant never bored once. I wanted to watch it straight away again the only better marvel movie is the original avengers and logan but that isn't really marvel. Trust me don't listen to all the haters and watch this film I'm going to watch it again and I haven't done that with a film since the matrix enough said long live the KING.

Reviews

- I enjoy all the other Marvel movies I've seen, so I expected this to be the same. Quite the opposite, I feel bored to death. The first 25 mins probably can be done for less than half of the time. I spaced out constantly and when going back to it I realized I almost didn't miss anything. So many redundant trash talk, taunting and declaration... On the half way it's already drained all my patience. Such a bad one.

Reviews

- Black Panther is certainly a good movie, but I don't feel like it truly capitalizes on its interesting premise and setting enough to elevate above other Marvel movies. It still follows the formula and doesn't stray far enough away from it to make truly distinct. However, I did love the action scenes (which there was surprisingly little of), Michael B Jordan as Killmonger (surprisingly good villain to be honest), pretty much all the Wakanda stuff, the soundtrack and the core story. I just wish it had been less restricted by the studio. Black Panther is a good film, but it could've been a great one, which is disappointing.



Reviews

- Beautiful CG and pictures. Interesting characters, but quite a guessable plot and too common in Superhero film. Also the fight scenes are quite boring.



Reviews

- T'Challa, heir to the hidden but advanced kingdom of Wakanda, must step forward to lead his people into a new future and must confront a challenger from his country's past.

Reviews

- Masterful job by Ryan Coogler and cinematographer Rachel Morrison as well as the entire cast. People complaining of politics in this film are suffering from delusions of their own making. Its a movie about a fictional king in a fictional country. True Marvel fans will know that you can't tell the story of BP without the origins and practices of Wakanda. Anyway, Michael B. Jordan (No relation) plays the realest villain since Magneto. (Another character whose anger comes from a real place) Enjoyed Jordan in Creed and liked the character. Which made it hard to accept him as a bad guy. However he quickly made me change my mind as the menacing Killmonger. In short see the movie for what it is, another Marvel hit, this time with a different spin that will bring a new base of fans to the Marvel dynasty.



Reviews

- This is a movie you will like watching it the first time because everyone else is jumping on the band wagon. Many months later, your subconscious tells you this movie was completely overrated and a complete and utter waste of time. Watch it once, but it lacks the charm of other Marvel movies.

Answers

Reviews

- This is the most generic superheroes movie, literally you can predict what happen next, if you want see a movie just to relax your brain, this is the best choice
- 3 stars

Reviews

- After the events of Captain America: Civil War, Prince T'Challa returns home to the reclusive, technologically advanced African nation of Wakanda to serve as his country's new king. However, T'Challa soon finds that he is challenged for the throne from factions within his own country. When two foes conspire to destroy Wakanda, the hero known as Black Panther must team up with C.I.A. agent Everett K. Ross and members of the Dora Milaje, Wakandan special forces, to prevent Wakanda from being dragged into a world war.
- Summary

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- 10 stars

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- 1 star

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- 7 stars

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- Beautiful CG and pictures. Interesting characters, but quite a guessable plot and too common in Superhero film. Also the fight scenes are quite boring.
- 6 stars



Reviews

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- 10 stars

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- 1 star

Exit ticket: Unit 2.02 – Machine Classifying Reviews

Would you trust Watson to tell you if reviews were positive or negative? Why or why not?


