

-Evaluation result of score prediction (1-10)

Root Mean Squared Error (RMSE): 4.442150380164994

-Example of accurate prediction

Review: Watching this film is like drinking a fine wine that tastes like a spicy Bloody Mary. The impressive feat of the fourth film of a film franchise being this good is unheard of.
Predicted Score: 8

8	Watching this film is like drinking a fine wine that tastes like a spicy Bloody Mary. The impressive feat of the fourth film of a film franchise being this good is unheard of.
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-Example of inaccurate prediction

8	<p>This time around the spectacle of death has very high production values in every respect, and once again, they manage to go above and beyond the previous with the set pieces and wild action. It's very long, but every time it started to feel that way, another would emerge that made me forget about the runtime.</p> <p>However. Where the first two really excelled was in building out the world. The first one was mythological in nature and sets it a bar above and apart, and the next used that to create an interesting underworld. As they've gone on, that aspect has gone away, but by a bit. We are firmly in pretty mindless action that stands apart in the way things are shot and the other production aspects. That's all fine, but it does feel slightly sad to leave the most interesting cerebral aspects of the films too, I think. Even if the action movie has evolved into these, which excel above and beyond.</p>
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Predicted Score: 3

The original rating was 8 but the model predicted it as 3.

-Evaluation result of positive/ negative classification

Root Mean Squared Error (RMSE): 0.3

Precision: 0.9849624060150376

Recall: 0.8397435897435898

F1 Score: 0.9065743944636678

-Example of accurate prediction

Decent film. Although suspend belief is needed with alot of John Wick scenes they pushed it too far passed absurd on two occasions.

Two bits were just too annoying to let go. How can a blind man be accurate with a hand gun? Manic fight scenes where no way a blind man could sense enough too shoot and especially a pistol duel at 30 paces each. I can relate to being an amazing martial artist and swords man, but not a crack shot with a gun.

Two the German night club fight scene with hand axes, and initially gun shots. Dancers continued the most awful dancing whilst people where shot and then were being killed with axes next to them. A man died with an axe thrown at him hitting him in the head, between 2x dancers, and falls dead at the feet of 8x dancers but they show no signs of worry and carry on dancing. Only at the end after 20 odd people had died did they react and run away.

-Example of inaccurate prediction

```
print("Actual labels(1 for positive, 0 for negative)")  
print(actual_labels)  
print("\n\nPredicted labels(1 for positive, 0 for negative)")  
print(predicted_labels)
```

Actual labels(1 for positive, 0 for negative)
[0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]

Predicted labels(1 for positive, 0 for negative)
[0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]

```
for i in range(len(actual_labels)):  
    if actual_labels[i]!=predicted_labels[i]:  
        print(i)  
        break
```

So it's the 19th review, but the excel file starts with "Rating", "Review" in the first row so the review that we're finding for should be at the 20th row.

Its as much of a John Wick film as a John Wick fan could wish for.

Very cool and moody.

Very similar to the first three movies but longer, much longer.

9 Loads of fight scenes - a ridiculous amount - one becomes immune to them after a while. It takes the ridiculous and then goes further. But thats what John Wick is - ridiculous fights, against ridiculous odds.

This one is mostly played seriously. Towards the ends there were some intentional jokes and some bits where the audience laughed at the ridiculousness of it all.

Hopefully this is the last one - it feels like its run its course, fun though its been.

Seems like this review includes some negative sentiment-maybe saying that "audiences laughed at the ridiculousness" or "Hopefully this is the last one" might have caused this review to be classified as negative one.