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# 1 - Introduction

- 1) Do Critic Reviews Accurately Predict/Reflect The Commercial Success of Video Games?
- 2) Do User Reviews Accurately Predict/Reflect The Commercial Success of Video Games?

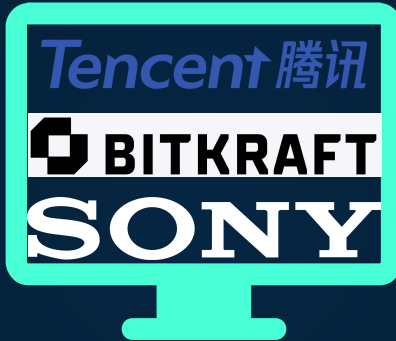
# Who Would Benefit and Why?

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## **Video Game Review Platforms (Games Journalism)**

Increased accuracy in reviews leads to a more reliable and better regarded service for video game review platforms and video game journalism



## **Investors**

Understanding the consumer sentiment and level of success of a product or service is crucial in making not just purchasing decisions, but also investment ones.



## **Consumers**

This analysis would help to guide consumers towards smarter and more informed purchasing decisions.

# kaggle



## 2 - Methodology

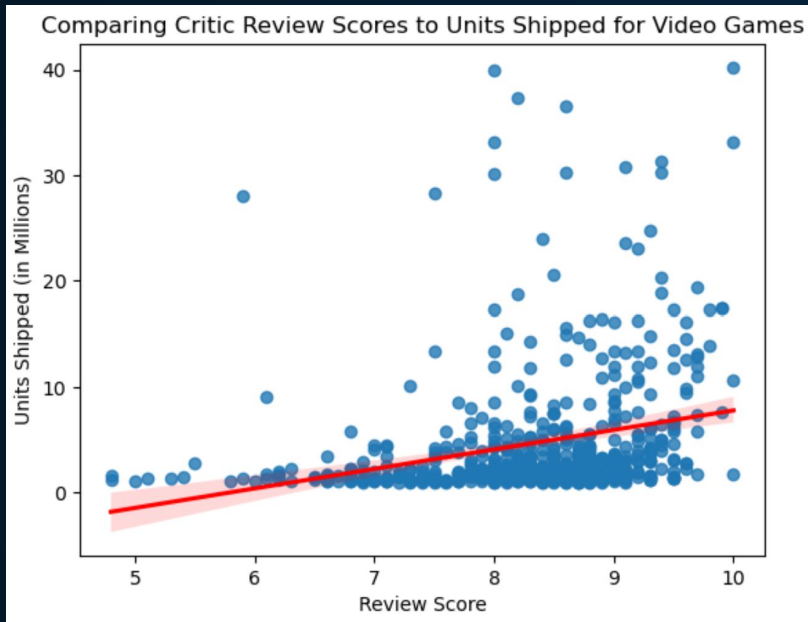
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**Dataset:** *Video Game Sales Data* (CSV) by Jason Holm on Kaggle [dataset](#)

**Characteristics Used:** Total Number of Copies Shipped (in Millions), Critic Review Score (out of 10), and User Review Score (Out of 10)

**Tools Used:** Jupyter Notebooks, pandas, seaborn, and matplotlib.

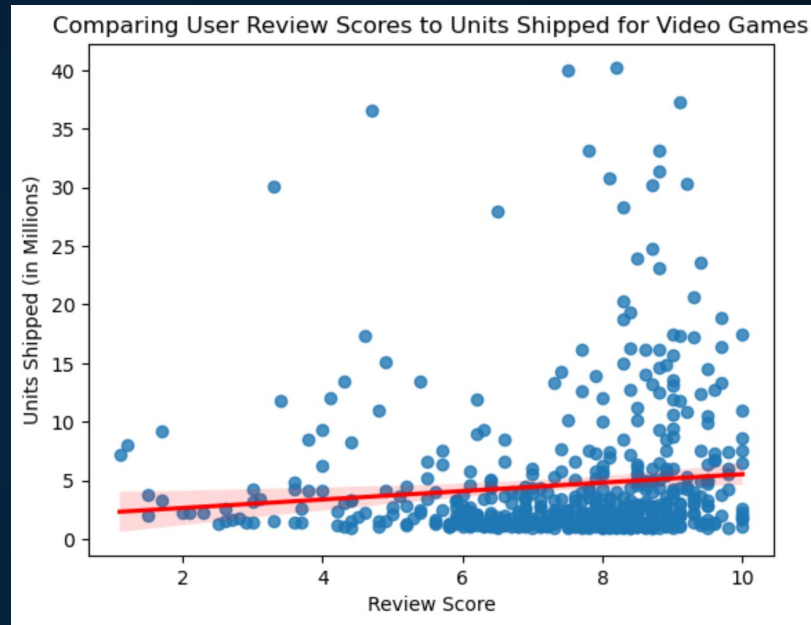
# 3 - Results



**Do Critic Reviews Accurately Predict/Reflect The Commercial Success of Video Games?**

**Generally, no.**

Nearly half of the scoring scale is identical and a large portion of the line of best fit is not reflective of possible sales.



**Do User Reviews Accurately Predict/Reflect The Commercial Success of Video Games?**

**Generally, yes.**

All possible review scores are accounted for, and a positive trendline is present.

# 4 - Future / Additional Questions

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- 1) Would the answers to these questions change depending on the year the game was released/reviewed?
- 2) Are the review scores more or less accurate in certain sales ranges (ex: for games that shipped between 5-6 million copies)?
- 3) How has the accuracy of these reviews improved or declined over time, if at all?

# 5 - Appendix / Things to Keep in Mind

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One game selling over 80 million copies was removed



Any game shipping under one million copies was removed



Any game that did not have both a critic and user score was removed







**Thank you  
for your time!**