

# Should we judge a book by its cover?

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## MOTIVATION AND ABOUT THE PROJECT

1. Have you ever pondered if the secret to becoming a best-selling book is just a matter of picking the right shade for your cover? Maybe the key to success is a hue-tiful design.
2. The goal of this project is to explore whether there is a correlation between a book's cover design and its success as a best-seller on Amazon

## CONCLUSION AND FUTURE WORK

1. Our hypothesis suggests that the cover images may not have a significant impact on the popularity of a book. To support our claim, we need to develop convolutional neural networks (CNNs) using the collected data.
2. Additionally, utilizing natural language processing (NLP) techniques can aid in analyzing customer sentiments and determining which factors truly influence a book's popularity.

## REFERENCES

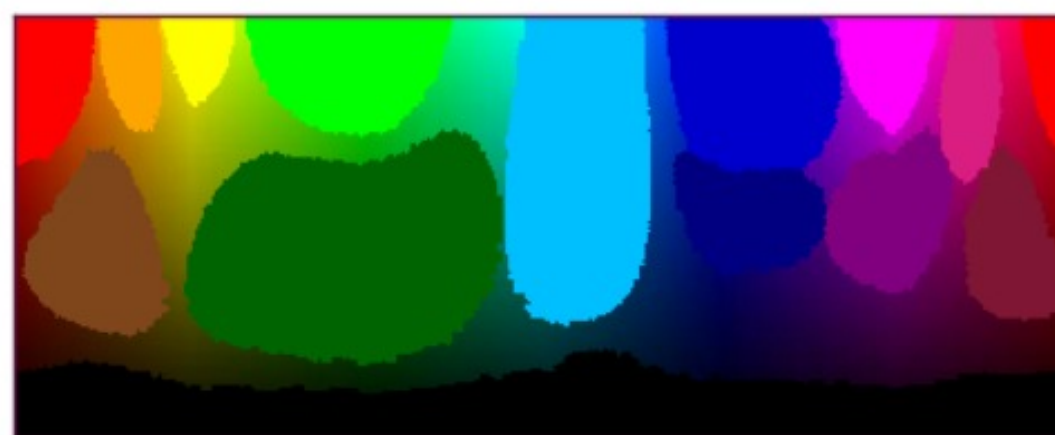
**Amazon website :**  
([https://www.amazon.in/gp/bestsellers/books/ref=zg\\_bs\\_unv\\_books](https://www.amazon.in/gp/bestsellers/books/ref=zg_bs_unv_books))

**Scraper API :**  
(<https://dashboard.scraperapi.com>)

## DATA AND LABELS

Data columns (total 12 columns):			
#	Column names	No of data points	Data type
1	Genre	4680	object
2	URL	4680	object
3	Title	4680	object
4	Price	4680	float64
5	five_star_rating	4680	float64
6	four_star_rating	4680	float64
7	three_star_rating	4680	float64
8	two_star_rating	4680	float64
9	one_star_rating	4680	float64
10	overall_rating	4680	float64
11	No_of_ratings	4680	float64
12	cover_img_url	4680	object

## RESULTS



Custom colour bins

Colour distribution

