

Movie Genre Classification

Amirhossein Soltani, Nigitha Selvarej

Introduction



Project Overview: Movie genre classification plays a crucial role in content recommendation systems by providing personalized movie suggestions, boosting user engagement.

It significantly improves search functionality, allowing for efficient genre-based filtering and accurate search results. It also provides valuable insights into audience preferences and market trends. This information is crucial for content producers and marketers to understand which genres are gaining popularity, which helps in making informed decisions about future content creation and marketing strategies

Dataset:

- 42,306 movie plot summaries extracted from IMDB and Wikipedia, including 362 different genres, metadata about the actors and the movies.
- Due to imbalanced number of labels for each movie genre, we needed to perform statistical sampling from the original dataset to prevent biased results from trained model.

Results

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References

[1] J. Smith, J. Doe, and J. Doe. My Paper Title. In *Proc. Some Conference*, pages 1–8, 2018.

Contact

Your Name
Hochschule Bonn-Rhein-Sieg
Email: name.lastname@domain.com



Methodology

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Conclusion

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