

Movies Recommendation system

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Introduction



Dataset

Contain of 4809 movie
and 24 feature.



Feature selection

Selecting features for
recommendation
system



clean

Handle missing values



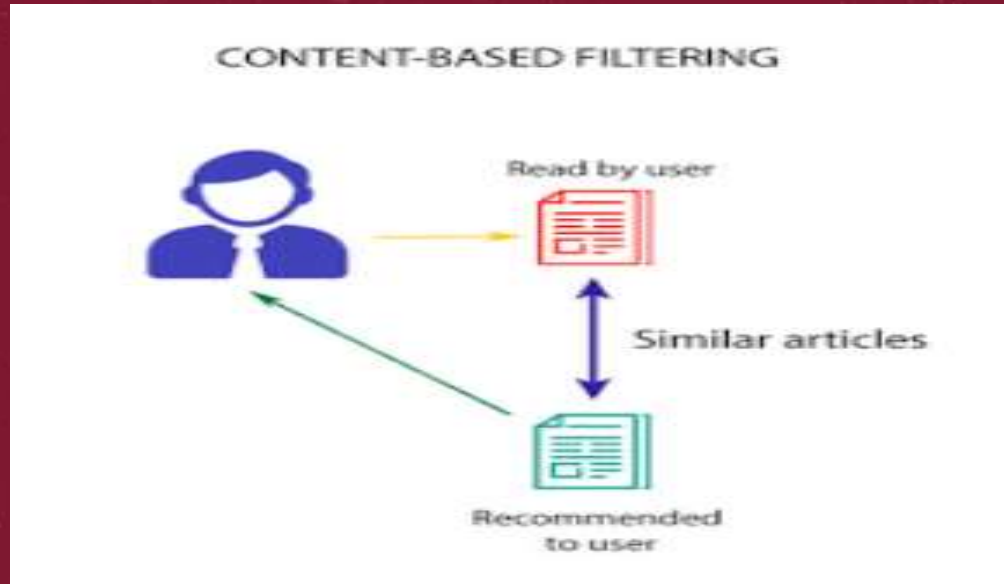
Pre-processing

This word cloud shows the most movies genres

Recommendation system



How it work ?





TfidfVectorizer

Model



Cosine similarity

Enter your favourite movie name : interstellar
Movies suggested for you :

- 1 . Interstellar
- 2 . The Dark Knight Rises
- 3 . The Matrix
- 4 . The Martian
- 5 . Dear Frankie
- 6 . Argo
- 7 . The Matrix Revolutions
- 8 . The Matrix Reloaded
- 9 . The Terminator
- 10 . Armageddon
- 11 . Terminator Genisys
- 12 . Contact
- 13 . Terminator Salvation
- 14 . The Killer Inside Me
- 15 . Gandhi, My Father
- 16 . The Tree of Life
- 17 . Get Smart
- 18 . Back to the Future
- 19 . Terminator 3: Rise of the Machines
- 20 . The Prestige

Recommendation system test



Conclusion

- As a future work we will try the Collaborative filtering in our recommendation system.
- Also we will try to use different model for more accurate recommendation system.



Thank you

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