

NETFLIX MOVIES AND TV

SHOWS CLUSTERING

Instructions:

- i) Please fill in all the required information.
- ii) Avoid grammatical errors.

Team Member's Name, Email and Contribution:

I Choose the Netflix movies and TV Shows clustering for my Unsupervised ML project. The dataset consisted of 7787 rows and 12 columns.

I have done the project solo

- AYUSH SHARMA
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- Data Inspection
 - : checking Duplicates
 - : checking and handling the null values
 - : dropping director column
 - : Handling rating column
 - : Adding new columns year added and month added.
- EDA
 - : Type of content available on Netflix
 - : Movies and TV Shows according to countries
 - : Content rating of movies and tv shows
 - : Top 10 genres for movies and tv shows
 - : Release year of Netflix content
 - : In which year most number movies and tv shows were added on Netflix
- Implemented K-MEANS CLUSTERING ALGORITHM
 - : Used silhouette analysis for finding optimal value of k
 - : Implemented k-means
 - : Saw which cluster has most data points

Please paste the GitHub Repo link.

Github Link:- <https://github.com/AYUSH-SHARMA25/NETFLIX-MOVIES-AND-TV-SHOWS-CLUSTERING>

Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)