

Notebook name: initial_code_for _ analysis.ipynb (indian_movie_analysis)

Description:

This notebook consists of analysis for the Indian movie dataset. We filtered out the necessary features based on our requirements. The resultant dataset consists of movies which are released after 2000 and are then filtered based on the language. In addition to this, the notebook also involves visualization of necessary features in the dataset. The features such as language and genre are mainly considered in these sections.

Notebook name: creating_description_json.ipynb

Description:

This notebook consists of all the works related to extracting the description of movies and creation of the JSON file for the description to make use of this attribute for the recommendation system.

Notebook name: indian_movies_dummy.ipynb

Description:

This notebook contains all the codes necessary to create dummy variables for genre in the Indian movie dataset. The result of the notebook is to produce csv file of Indian movie dummy.

Notebook name: recommend.ipynb

Description:

This notebook is related to the working process of the recommendation system. The code to select the language, the necessary columns. Selection of a movie by providing its title id to recommend the movies are all done in this notebook. Various similarity metrics are experimented in this notebook itself.

Notebook name: ui_json_creation.ipynb

Description:

This notebook consists of movies dataset which are under USA and India, and we are similarly creating a JSON file for both these countries using the description of those movies.

Notebook name: usa_india.ipynb

Description:

Similar to the Indian movie dataset (code_for_the_analysis.ipynb), this notebook consists of tasks performed to obtain the resultant USA India movie dataset. It also consists of visualization performed on certain important features based on this dataset.

Notebook name: usa_indian_movies_dummy_and_json.ipynb

Description:

This notebook focusses on the creation of dummy variables and translating the description in JSON format.