

Detecting movies genre by script

Introduction:

The purpose of the model we plan to build is to predict genre of a movie via script, we will take 70 movies from IMSDB and we will have the title of the movie and the scripts of the whole movie. Our model will analyze each movie's script, then he will decide that's the most likely the genre of the movie can be.

Goals:

To predict each movie's genre.

Data Description:

We will take each movie script from IMSDB, using web scraping.

Tools:

- Python
- Jupyter notebook
- Seaborn
- Matplotlib
- Pandas
- Numpy
- sklearn
- beautifulsoup
- Selenium
- NLTK

Conclusion:

We expect the model will detect the movie's genre.

