“Movie Recommendation System”

OBJECTIVE:

This movie Recommendation system is created by the help of Machine Learning and Python. The features of the movie Recommendation system are Predict the similar movie .

TECH STACK USED:

Python

Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation. Python is dynamically-typed and garbage-collected. It supports multiple programming paradigms, including structured, object-oriented and functional programming

Machine Learning

Machine Learning is the field of study that gives computers the capability to learn without being explicitly programmed. ML is one of the most exciting technologies that one would have ever come across. As it is evident from the name, it gives the computer that makes it more similar to humans: The ability to learn. Machine learning is actively being used today, perhaps in many more places than one would expect.

PROJECT DESCRIPTION:

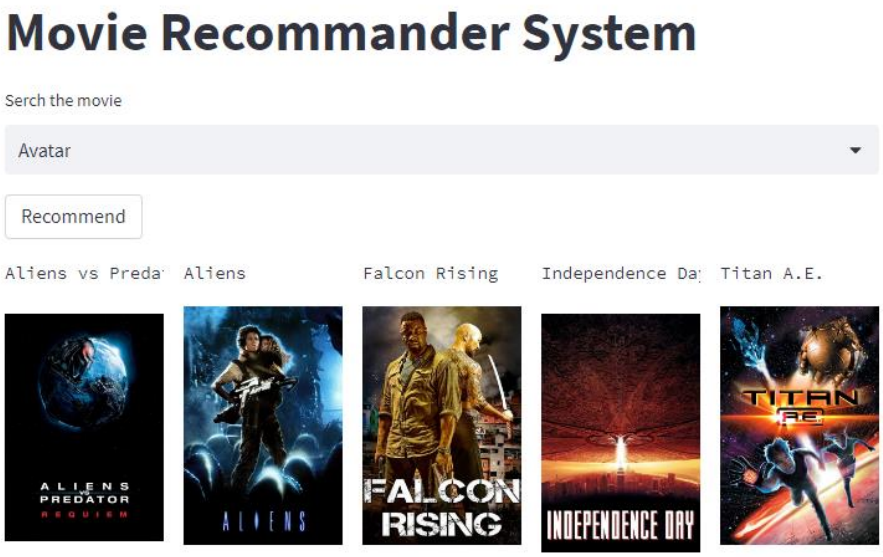
The movie Recommendation system is built using Machine Learning Support

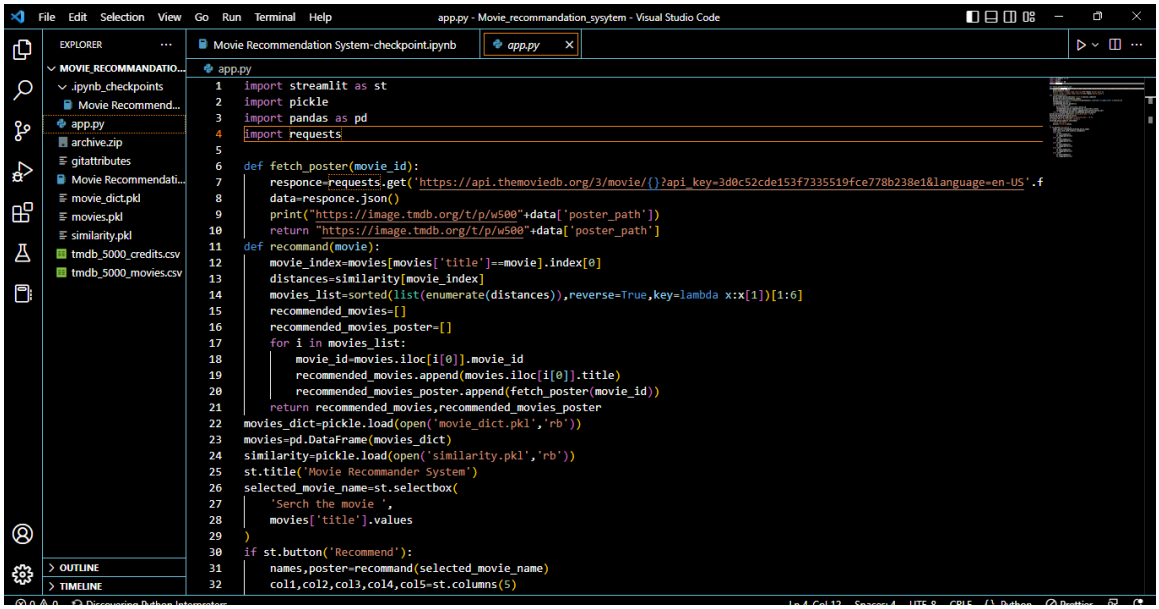
It takes the input a movie name and predict the similar movie using movie category.

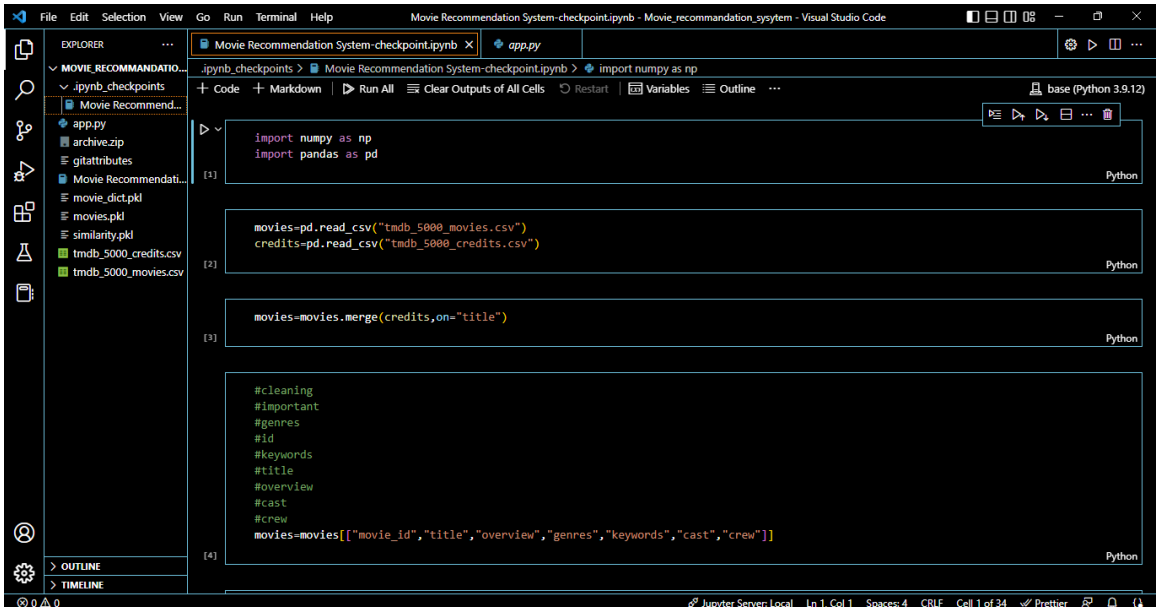
PROJECT GITHUB LINK:

https://github.com/Dhananjay17728/Movie_recommandation_sysytem

Screenshot






File Edit Selection View Go Run Terminal Help
Movie Recommendation System-checkpoint.ipynb - Movie_recommandation_sysytem - Visual Studio Code
EXPLORER
Movie Recommendation System-checkpoint.ipynb
app.py
.ipynb_checkpoints > Movie Recommendation System-checkpoint.ipynb > import numpy as np
Code Markdown Run All Clear Outputs of All Cells Restart Variables Outline
base (Python 3.9.12)
MOVIE_RECOMMANDATIO...
.ipynb_checkpoints
Movie Recommend...
app.py
archive.zip
gitattributes
Movie Recommendati...
movie_dict.pkl
movies.pkl
similarity.pkl
tmdb_5000_credits.csv
tmdb_5000_movies.csv
import numpy as np
import pandas as pd
[1]
Python
movies=pd.read_csv("tmdb_5000_movies.csv")
credits=pd.read_csv("tmdb_5000_credits.csv")
[2]
Python
movies=movies.merge(credits,on="title")
[3]
Python
#cleaning
#important
#genres
#id
#keywords
#title
#overview
#cast
#crew
movies=movies[["movie_id","title","overview","genres","keywords","cast","crew"]]
[4]
Python
OUTLINE
TIMELINE
Jupyter Server: Local Ln 1, Col 1 Spaces: 4 CRLF Cell 1 of 34 Prettier