Movie Recommender System

Shujaa Digital Ltd

TABLE OF CONTENTS

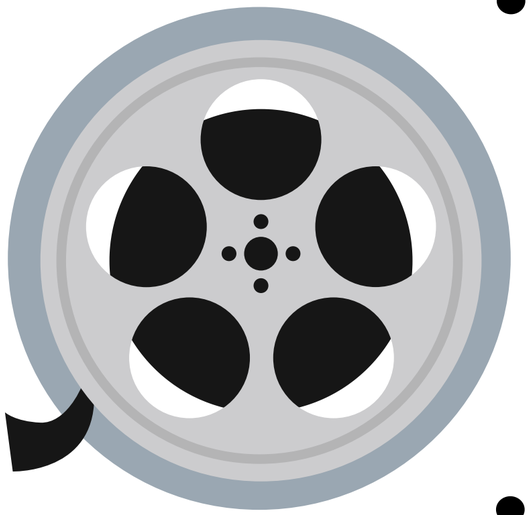
01 OVERVIEW

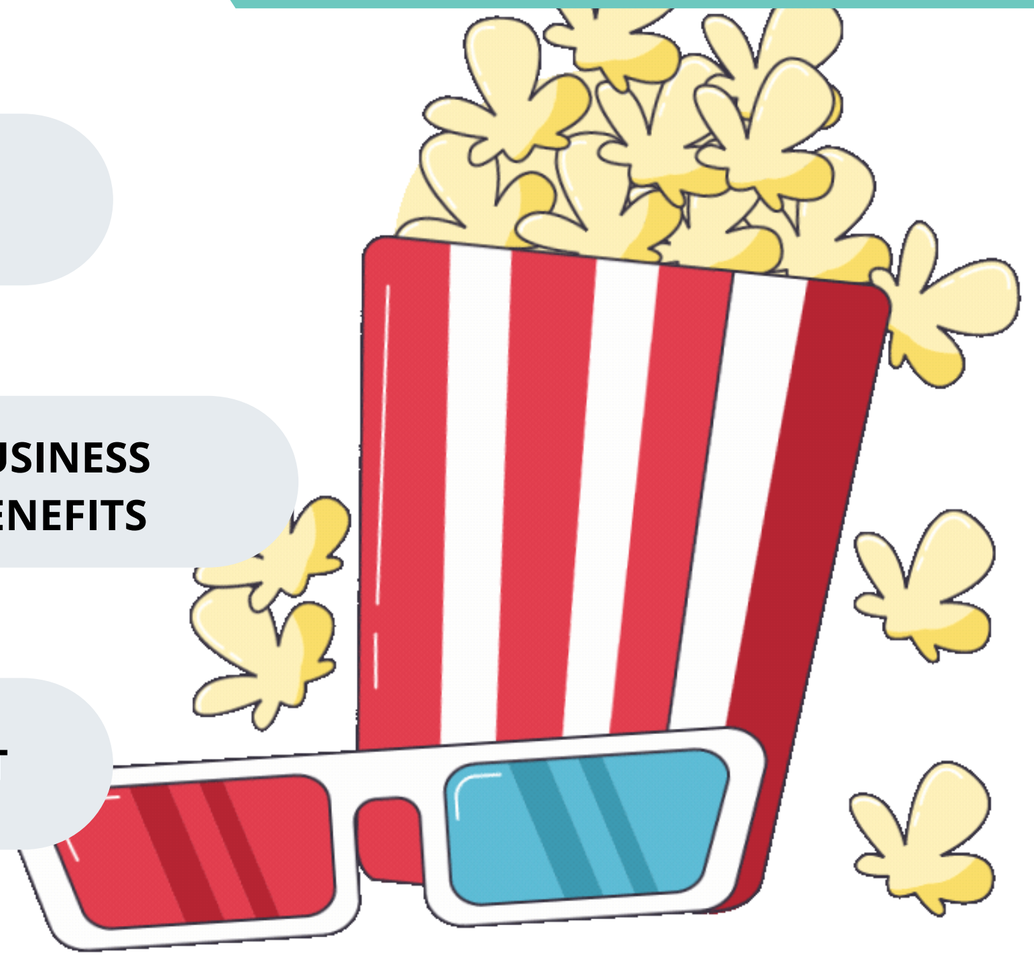
02 SUGGESTED SOLUTION

03 BUSINESS BENEFITS

04 DEPLOYMENT

05 FINAL THOUGHTS





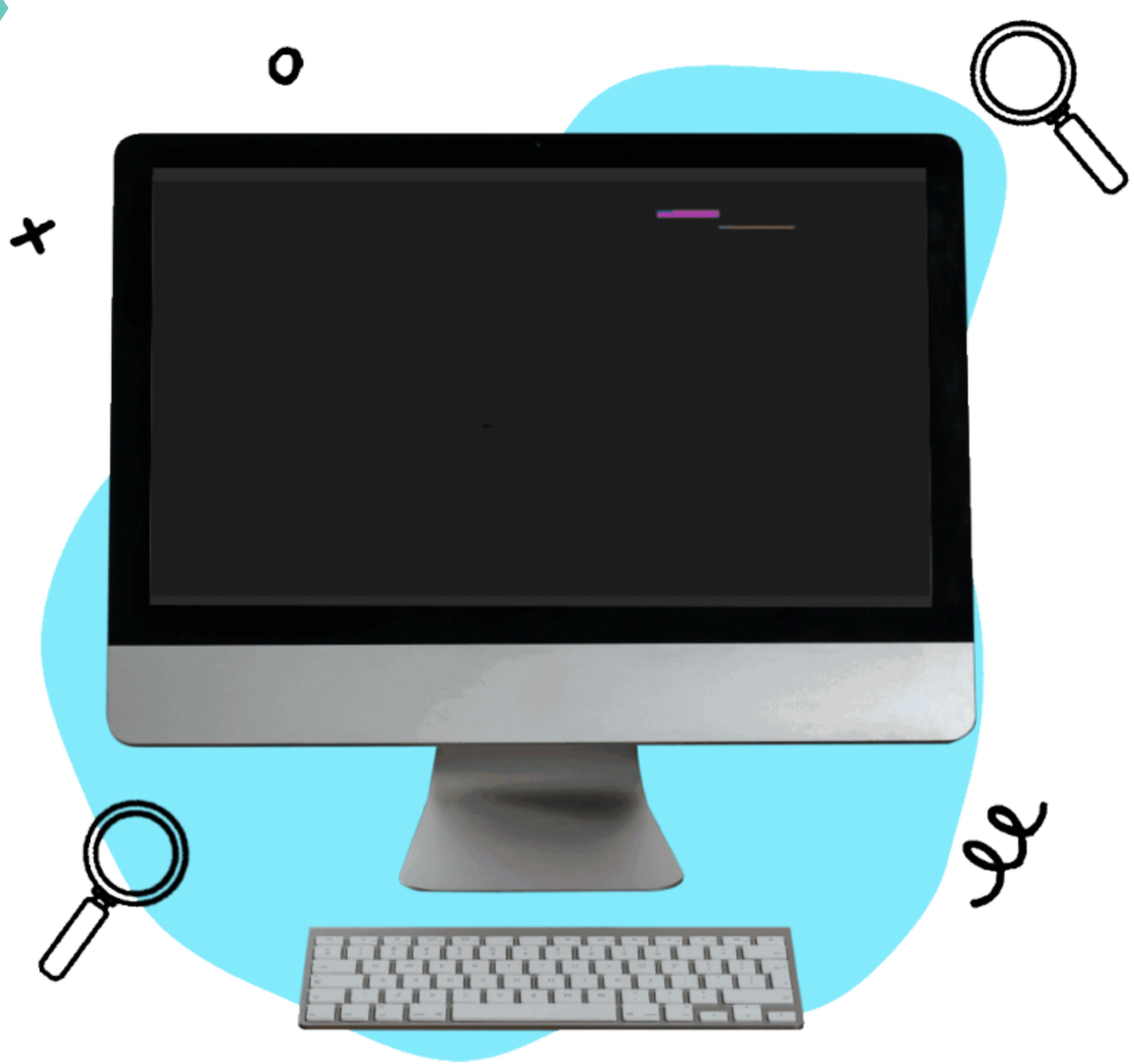
OVERVIEW

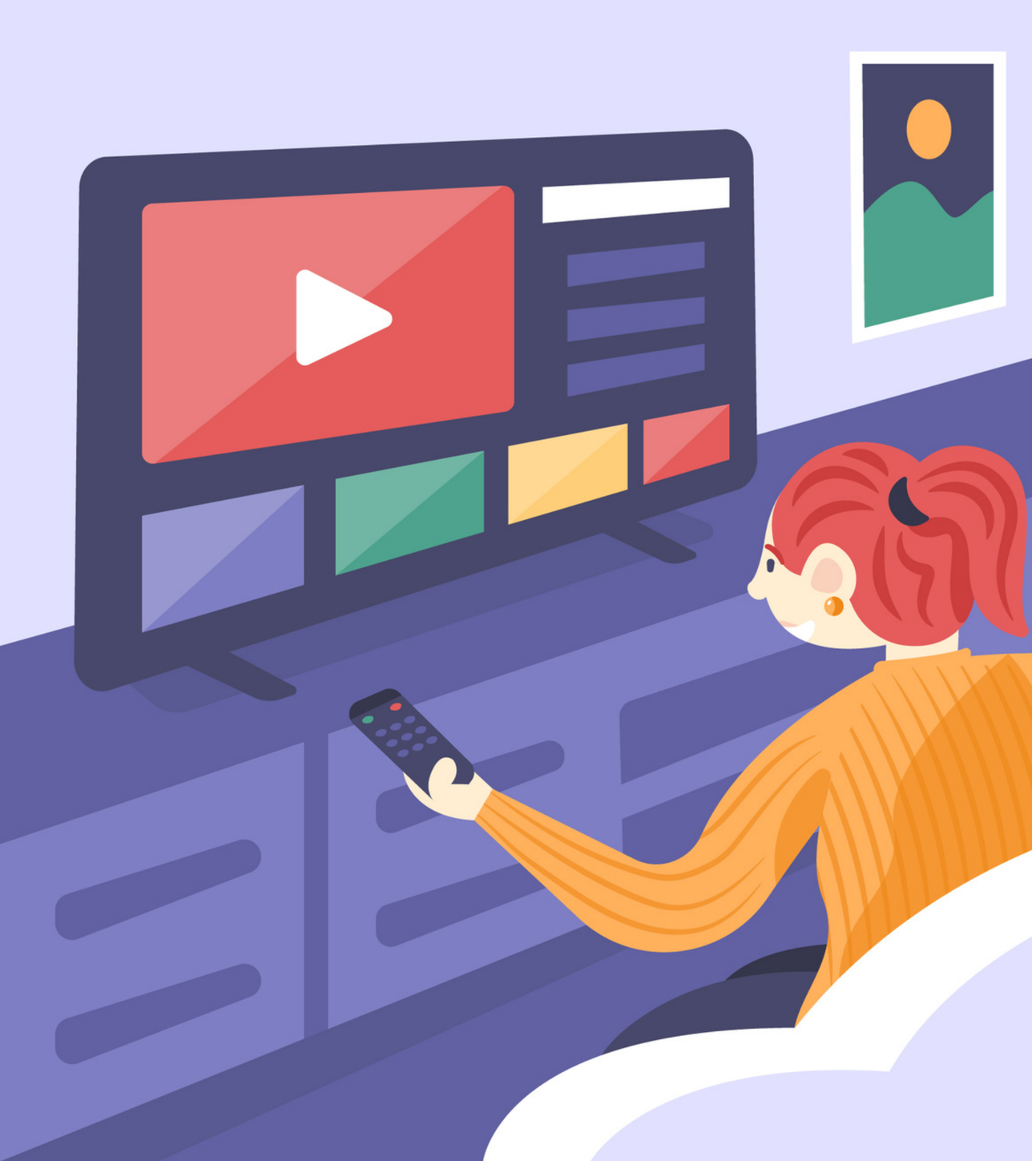
DIGITAL REVOLUTION

New Consumers

New Markets

New Business Models

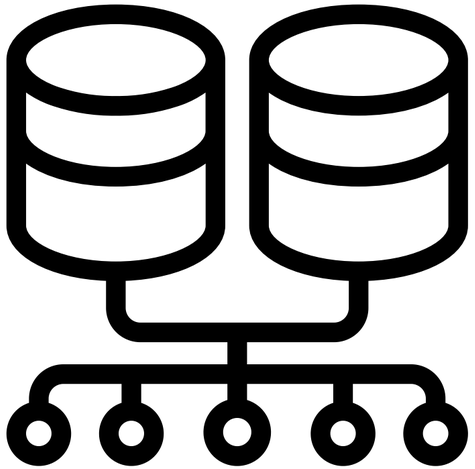




IMPACT OF STREAMING

- Interactivity
- Accessibility and convenience
- Cost saving

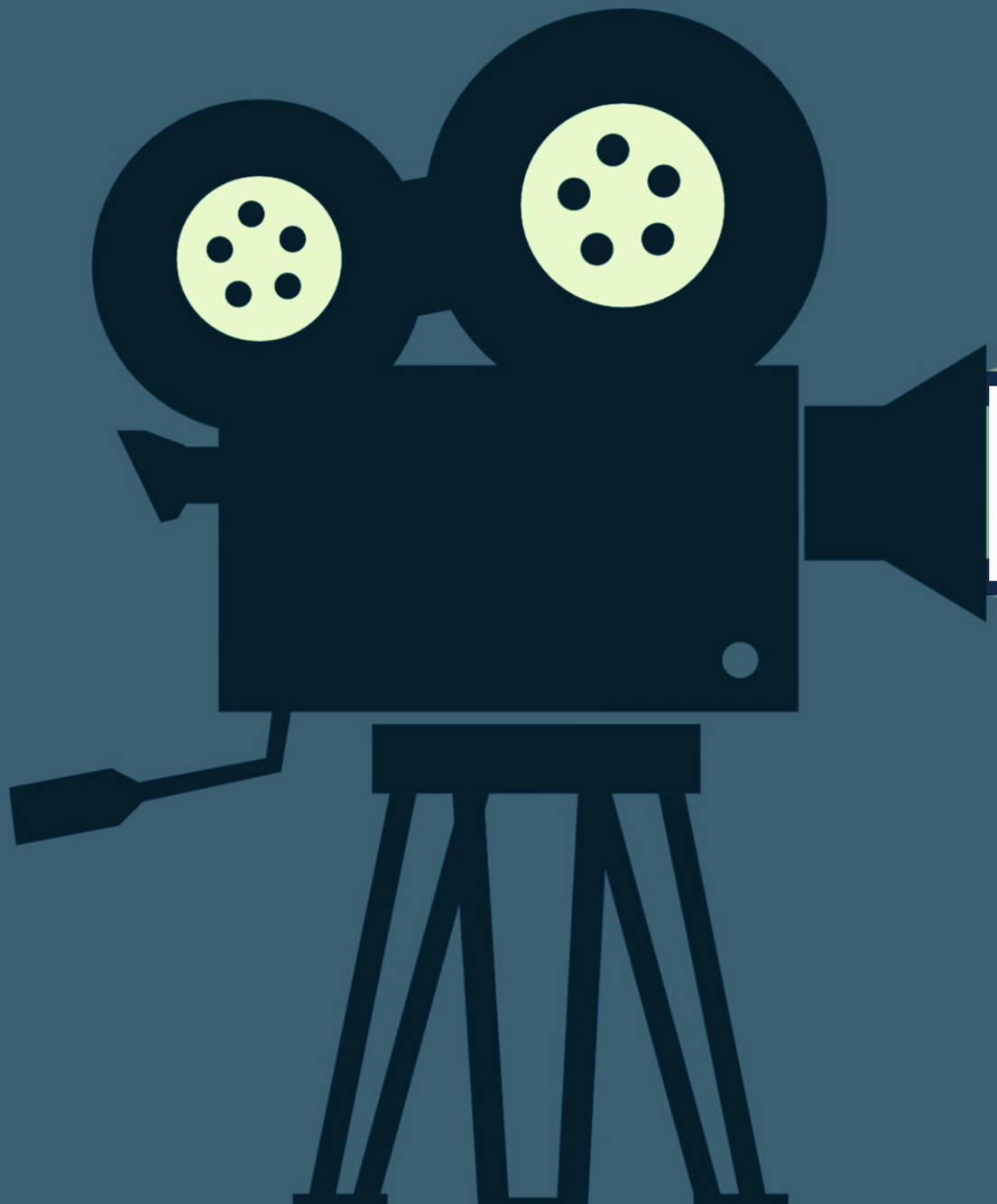
PROJECT FORCAST



1. Data

2. Machine Learning

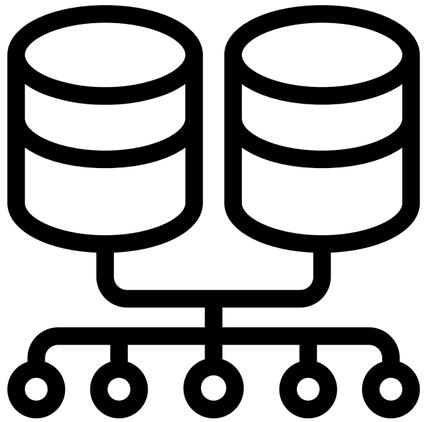
3. Deployment



SUGGESTED SOLUTION

SOLUTION STAGES

Data



Insights

Machine Learning

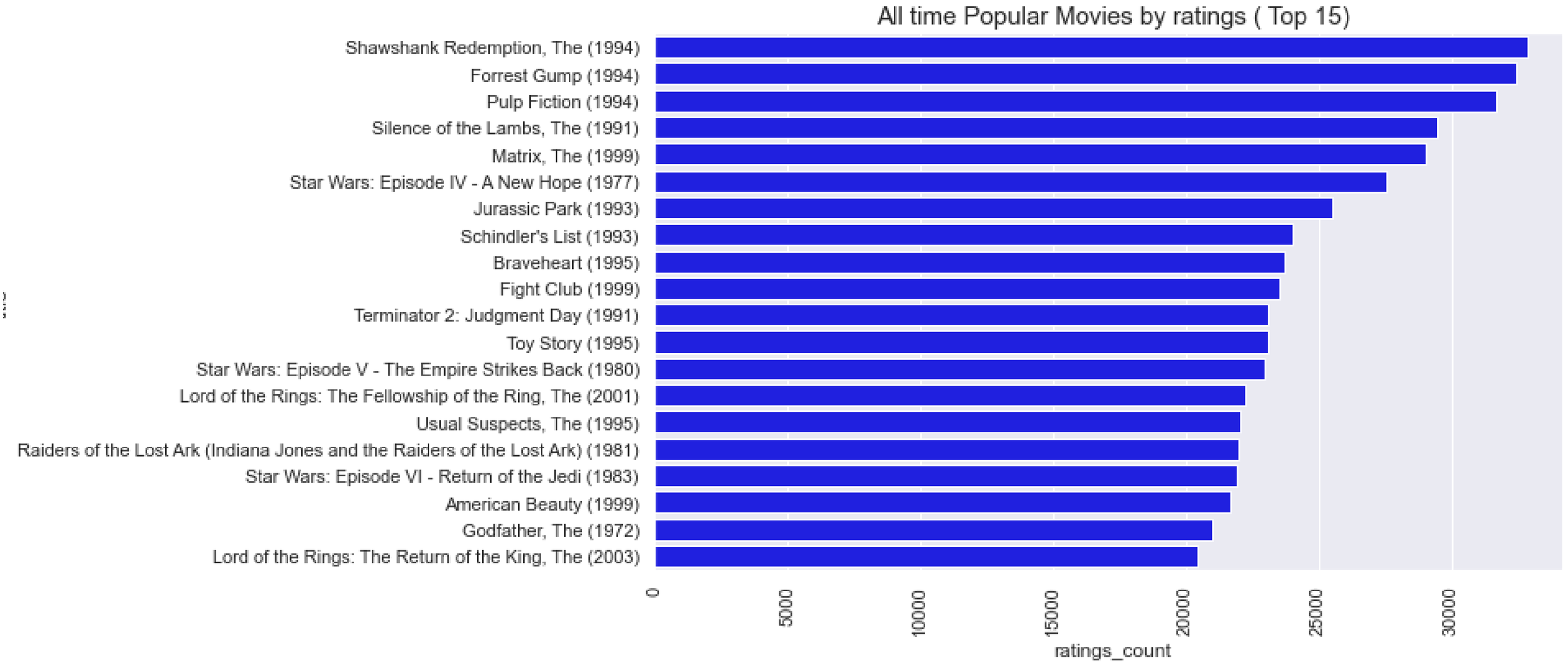
Stage 1 → Stage 2 → Stage 3

DATA: PREPROCESSING

Data wrangling

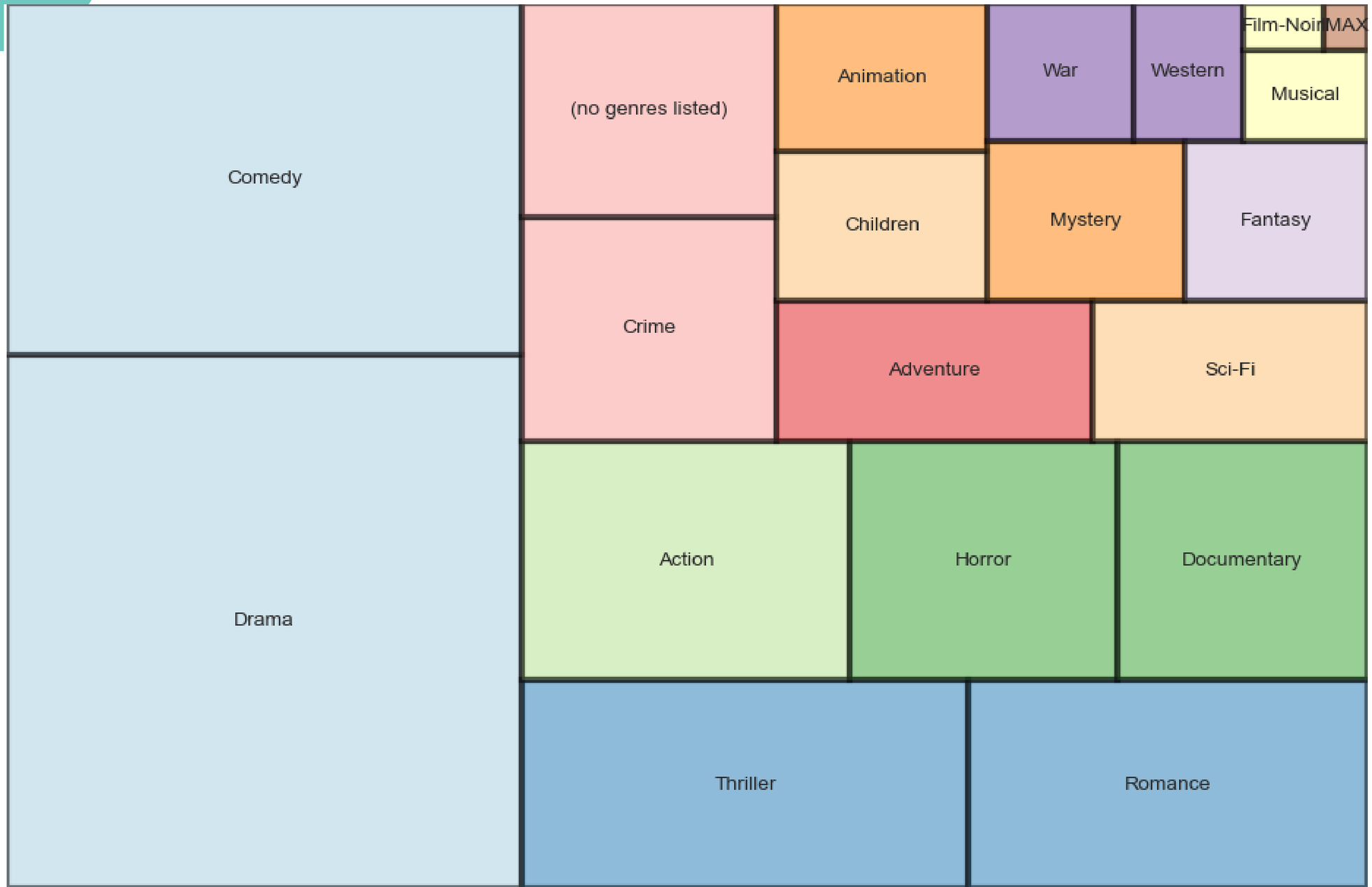
- Data Summary
- Null Values
- Duplicate Values

INSIGHTS: RATINGS

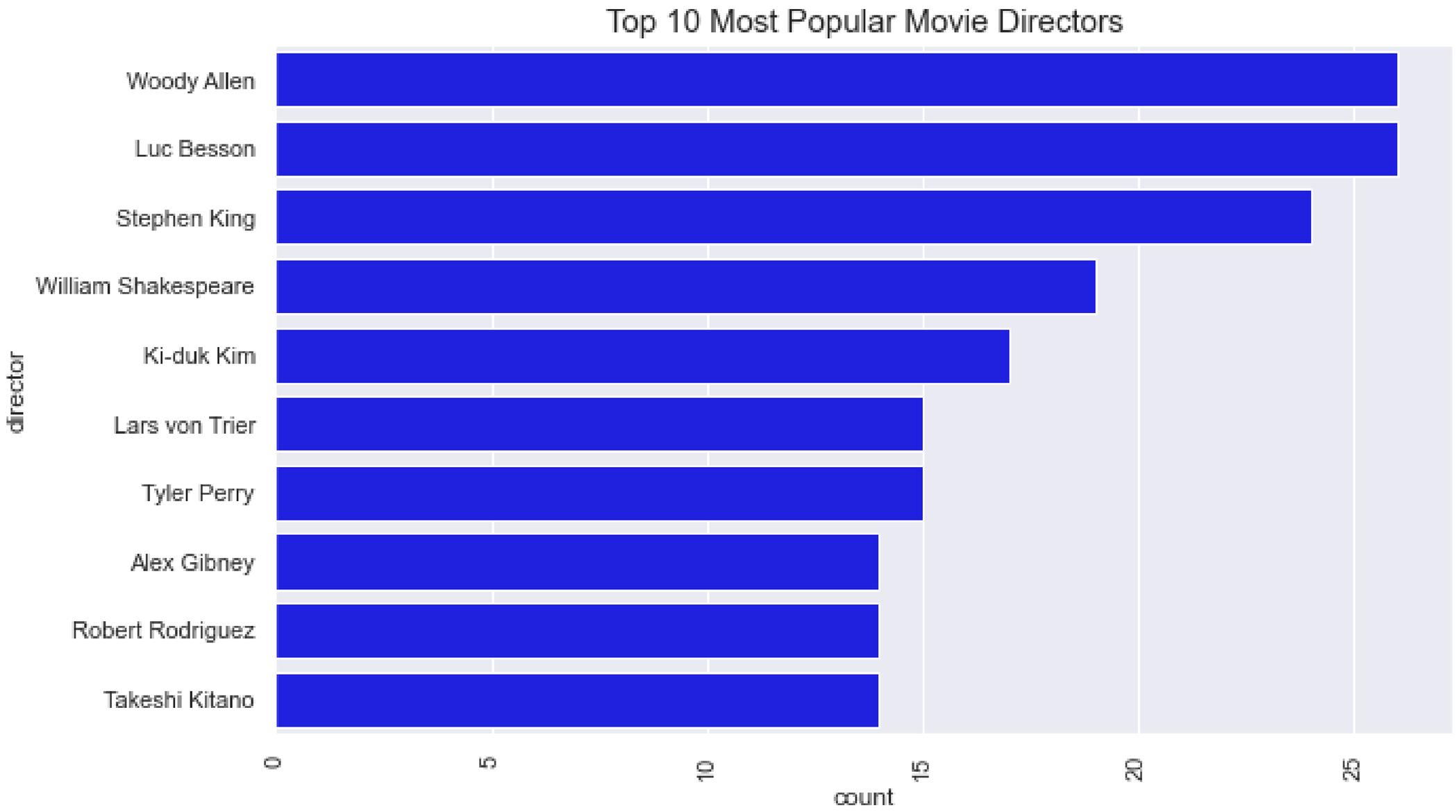


INSIGHTS: GENRE

Tree Map of Movie Genres

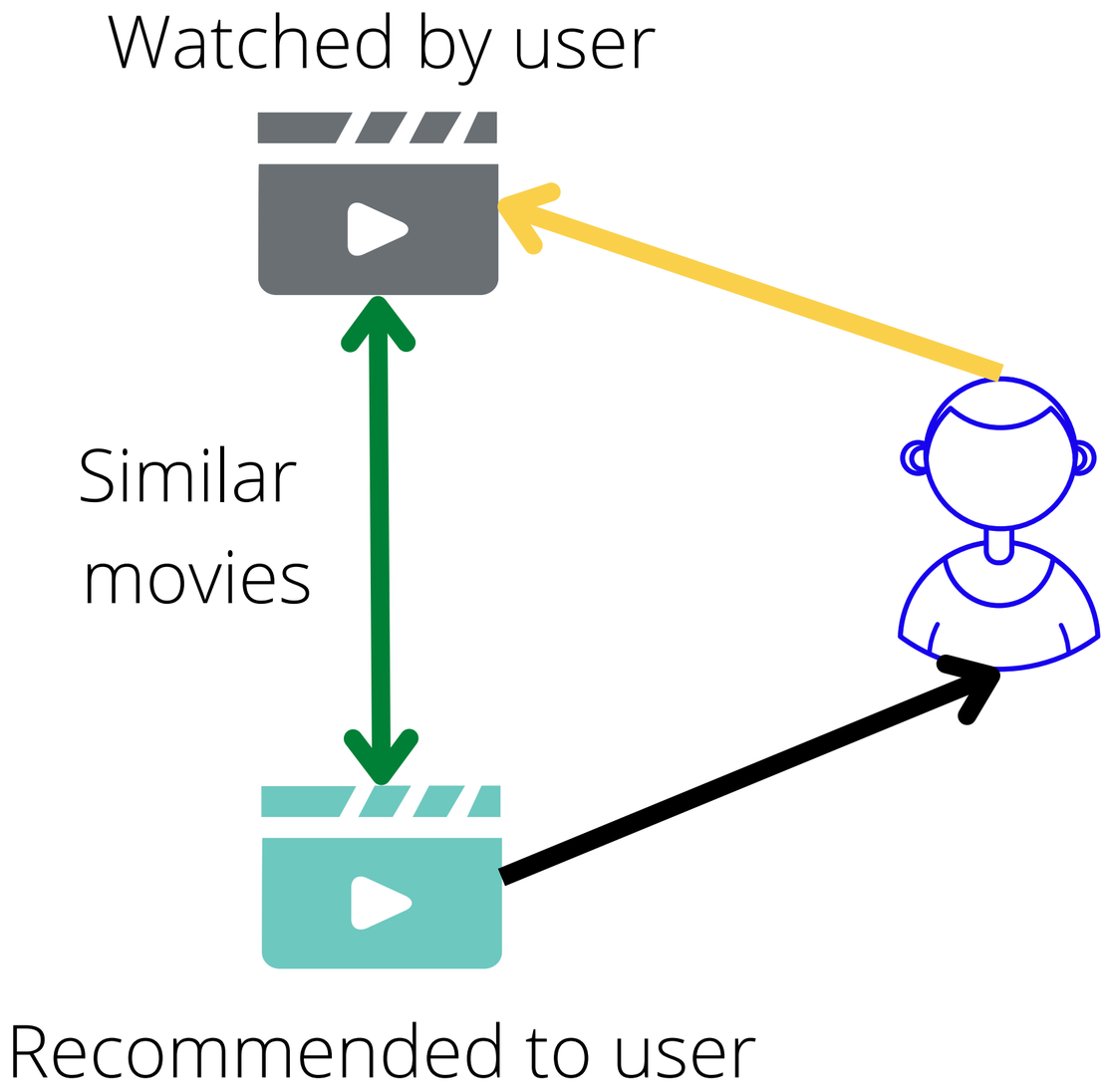


INSIGHTS: IMDB DATASET

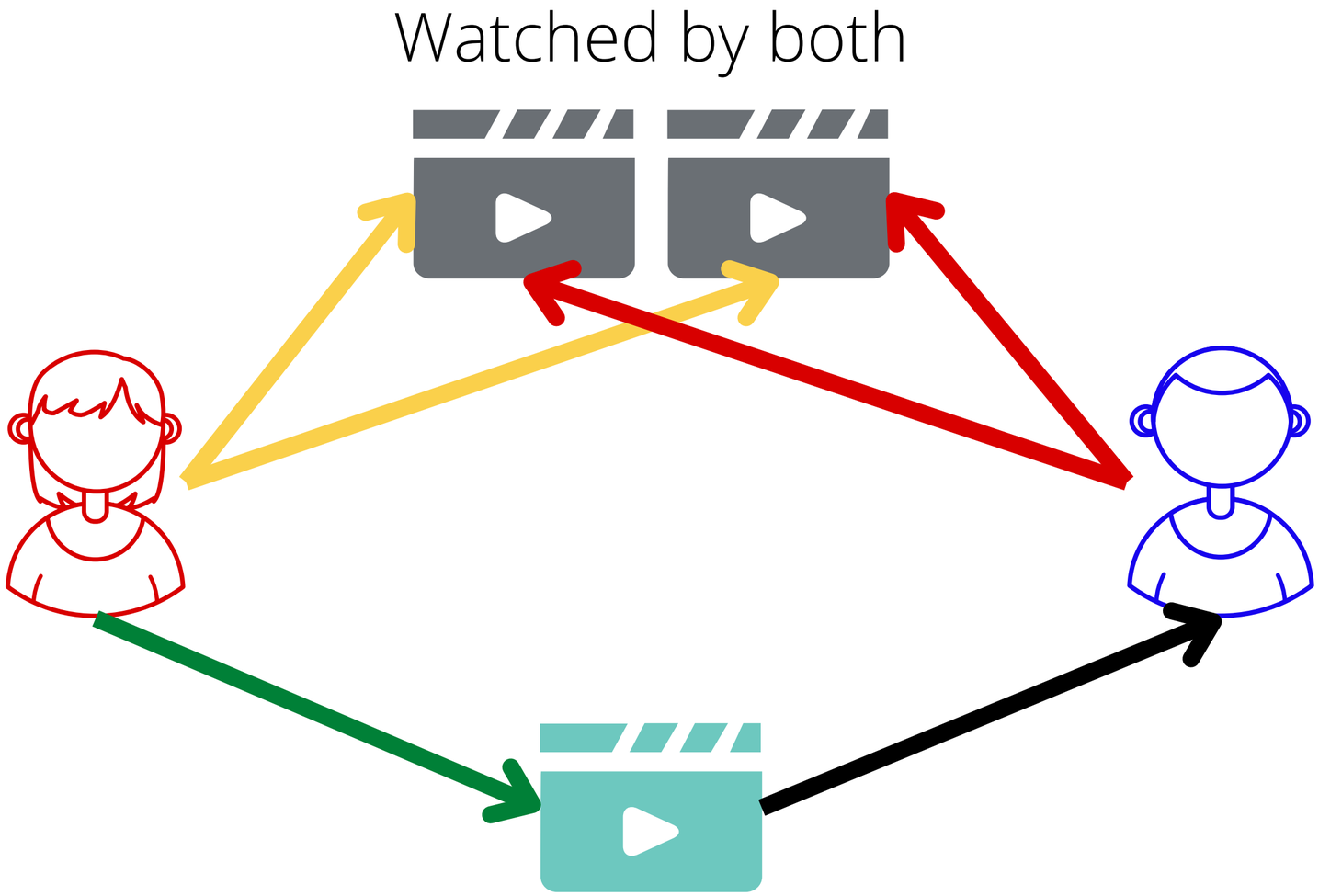


MACHINE LEARNING

Content-Based Filtering



MACHINE LEARNING



Collaborative Filtering

BUSINESS BENEFITS

WHY RECOMMENDER SYSTEM?

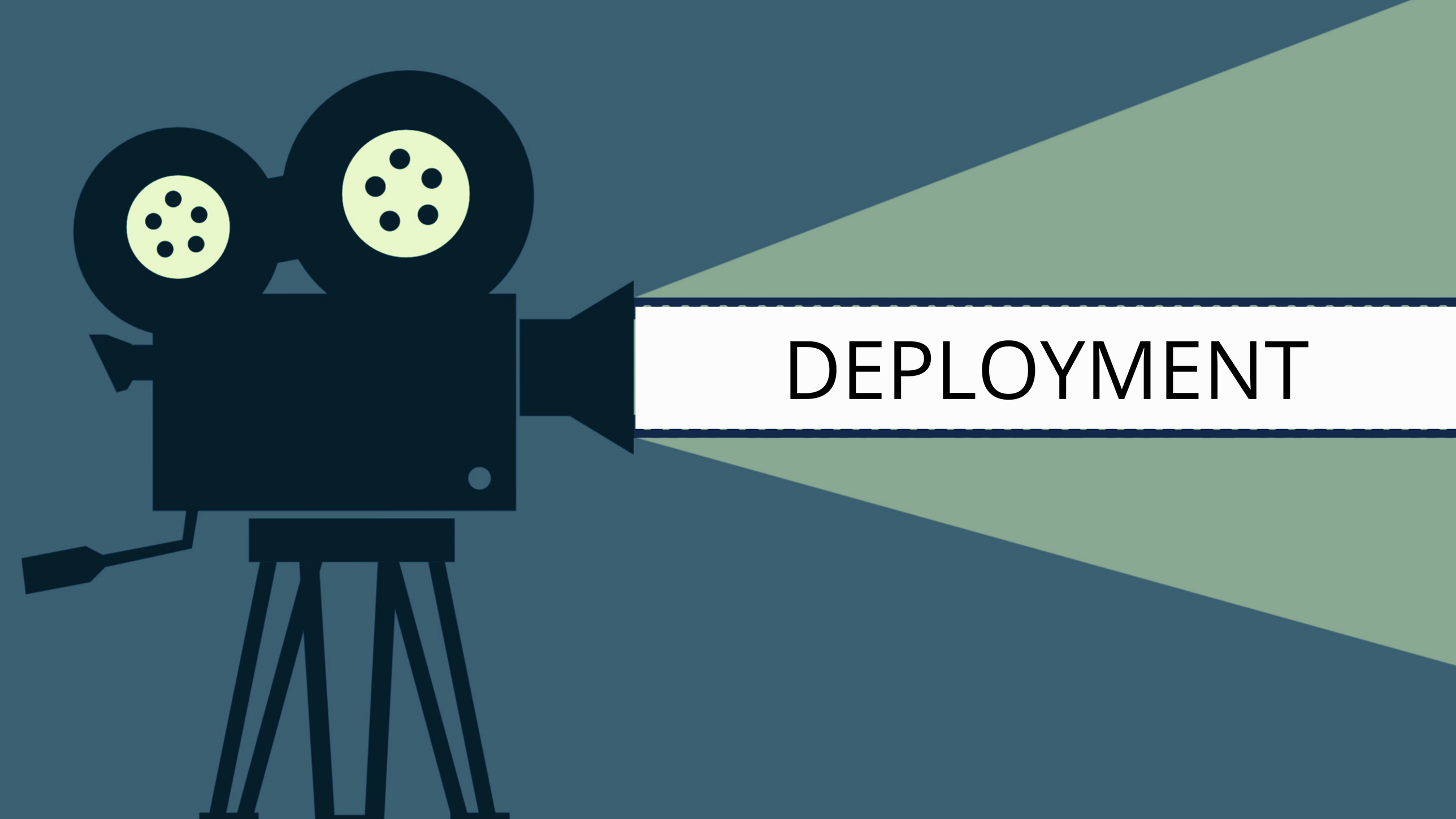
– Save user time, energy

– Deliver items to the right user

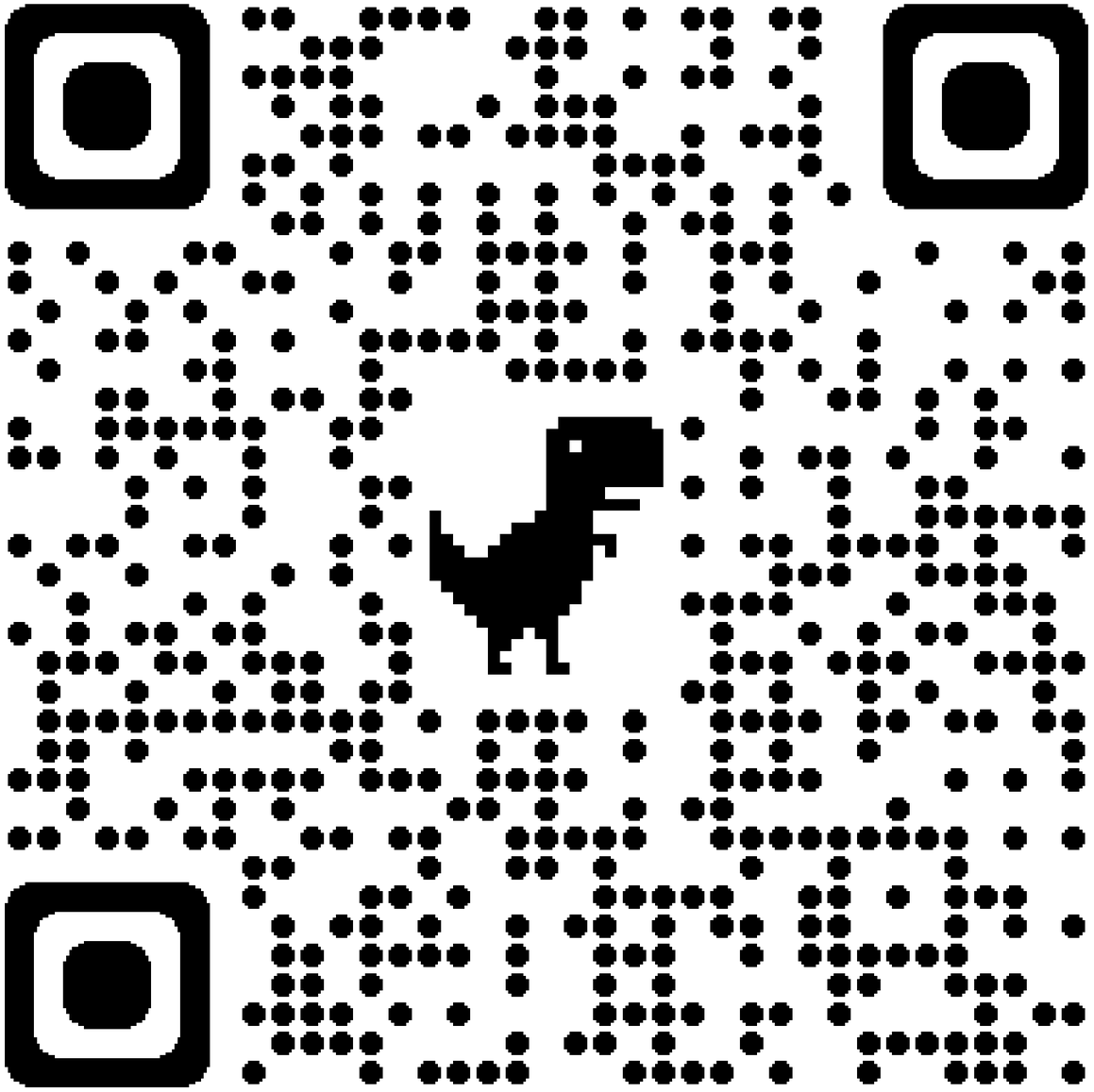
- Improve user experience

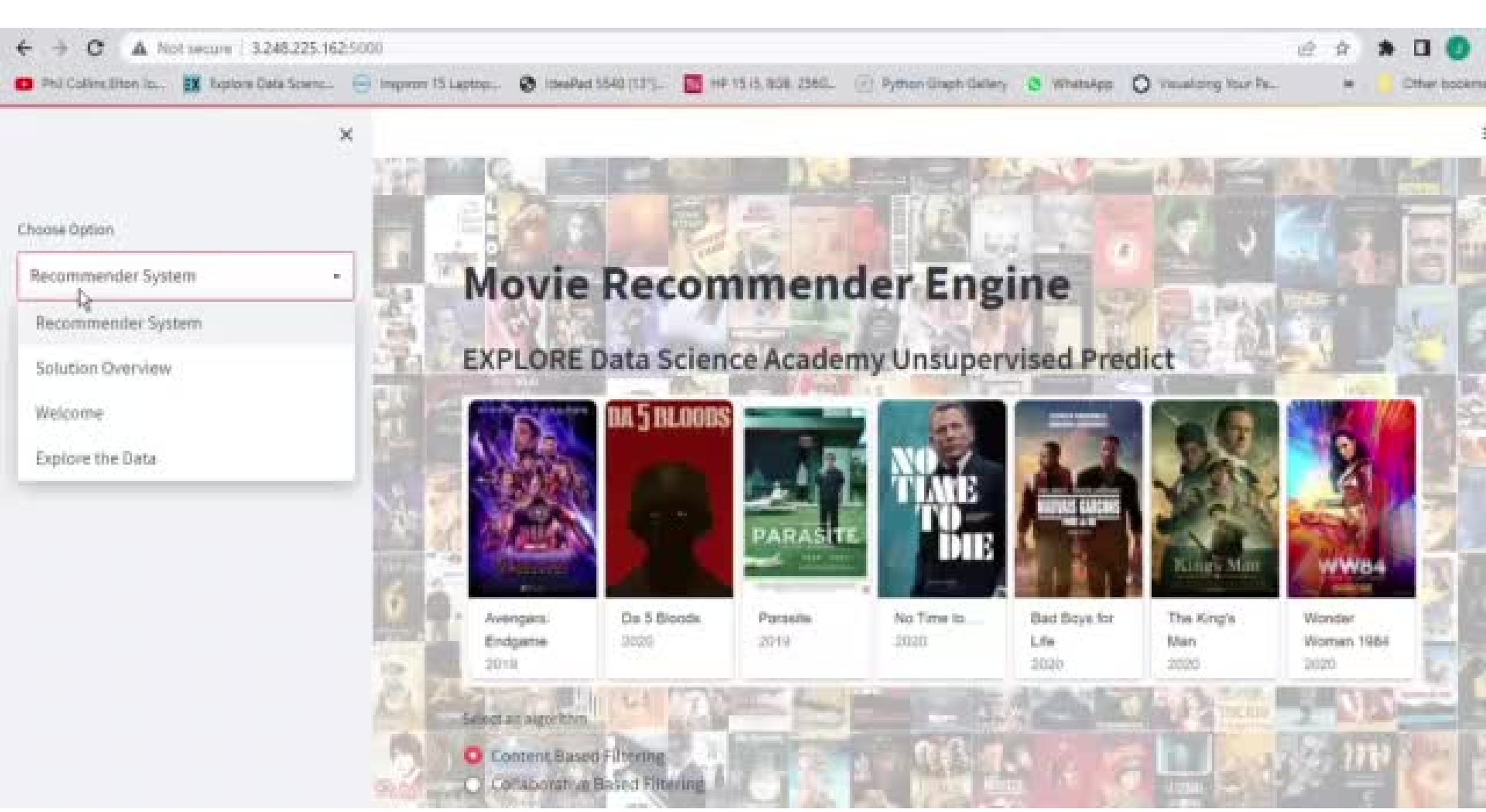
– Increased consumption =

increases revenues


DEPLOYMENT

WEB APP




Not secure | 3.248.225.162:5000
Choose Option
Recommender System
Recommender System
Solution Overview
Welcome
Explore the Data
Movie Recommender Engine
EXPLORE Data Science Academy Unsupervised Predict
Avengers: Endgame
2019
Da 5 Bloods
2020
Parasite
2019
No Time to ...
2020
Bad Boys for Life
2020
The King's Man
2020
Wonder Women 1984
2020
Select an algorithm
Content Based Filtering
Collaborative Based Filtering

FINAL THOUGHTS

FINAL THOUGHTS

– Ease & Efficiency

– Versatile

– Scalability

– Increased Revenue

THANK YOU FOR YOUR TIME!!

We look forward to your comments and questions.