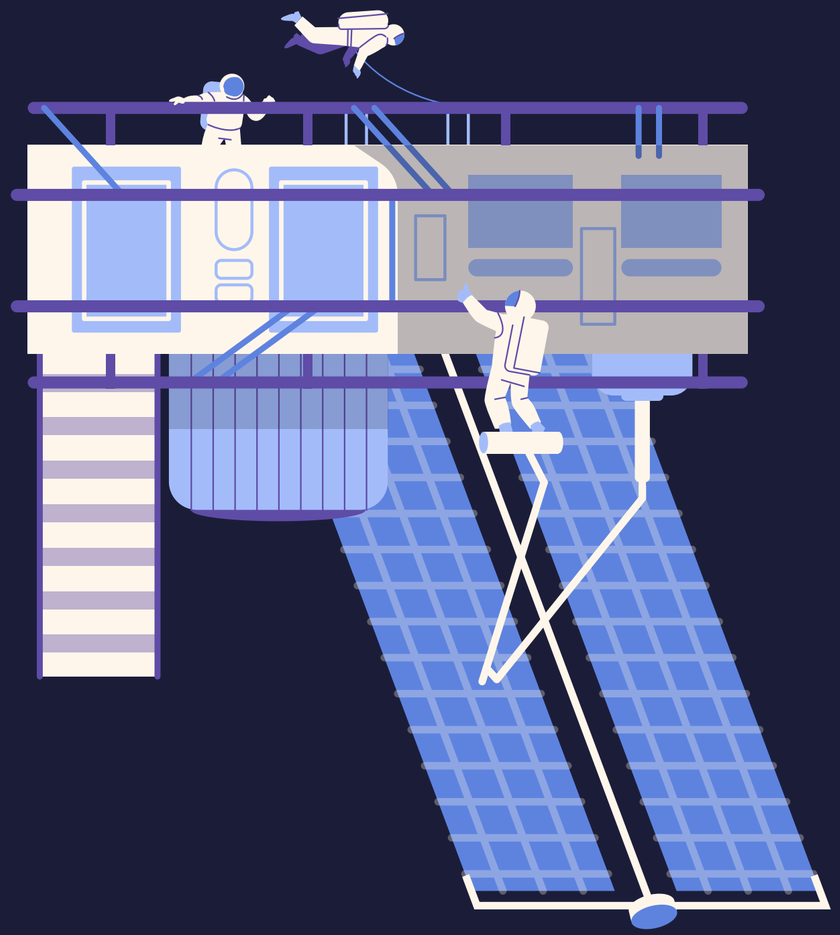
Ironhack

# MOVIE SET PROJECT

Data Analytics

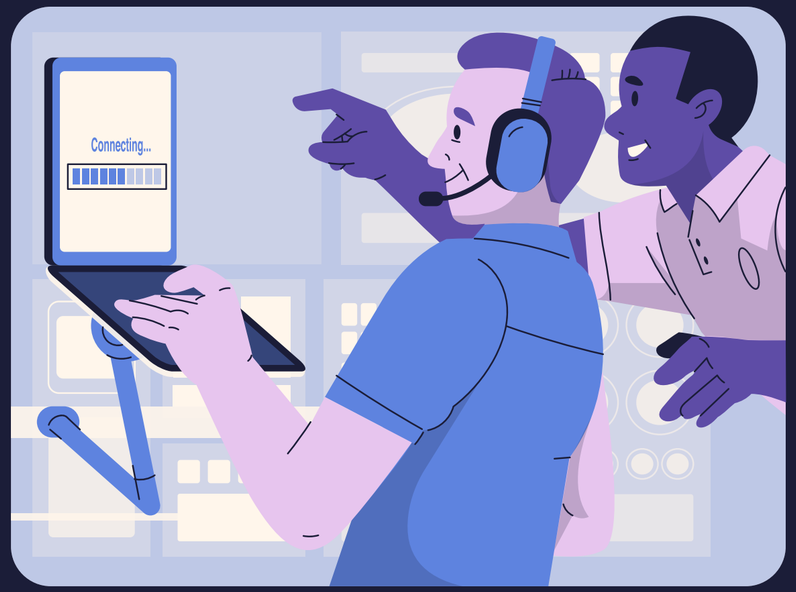


# INTRODUCTION

This project is a website that helps users discover new movies based on their preferences.

By searching for a specific movie, the site uses a recommendation algorithm to suggest similar titles, considering factors like genre, director, and cast.

The goal is to provide an intuitive and personalized browsing experience, making it easier for users to find new content and explore films that match their tastes.




# CHALLENGES FACED

1. Data Cleaning Challenges
2. Algorithm Optimization
3. Integration Issues
4. Performance Concerns
5. Front-end Design

# PROJECT OBJECTIVES

1. Enhance User Experience
2. Personalize Recommendations
3. Encourage Exploration
4. Simplify Decision-Making

# MAIN FEATURES

1

## MOVIE SEARCH

Allows users to search for a movie of their choice through an intuitive search bar.

2

## MOVIE DESCRIPTION

Provides additional description, such as genre and director.

3

## PERSONAL RECOMMENDATIONS

Uses an algorithm to suggest similar movies based on genre, director and cast.

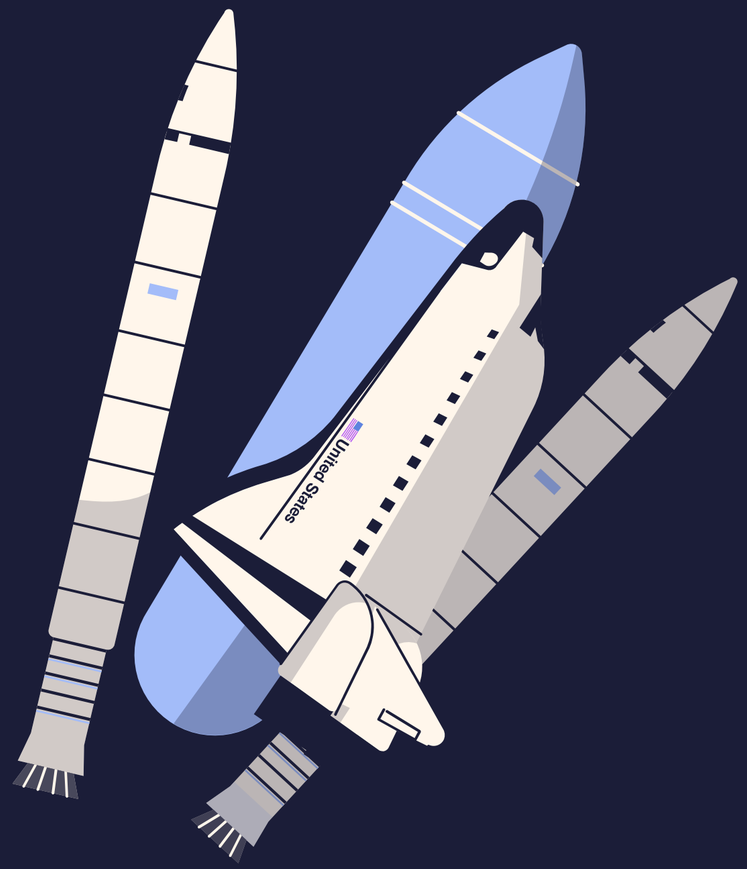
4

## USER-FRIENDLY INTERFACE

Offers a simple design, ensuring a pleasant and efficient user experience.

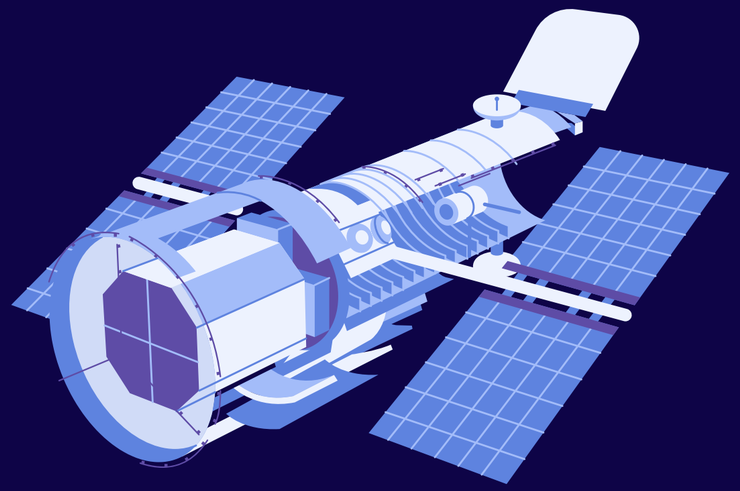
# TECHNOLOGY AND METHODOLOGY

- For this project, I used Python to clean and process the dataset, ensuring accurate and relevant movie recommendations.
- The website was built using Streamlit, a powerful framework for creating interactive web applications in Python.
- Additionally, I applied CSS to enhance the front-end design.



# TARGET PUBLIC

The website is for all movie lovers seeking quick, personalized recommendations, whether they are cinephiles or casual viewers looking for popular titles or hidden gems.



1. Movie Enthusiasts
2. Casual Viewers
3. Explorers
4. Busy Individuals
5. All Age Groups

# THE WEBSITE

# NEXT STEPS

1. Enhance Recommendation Algorithm
2. Expand Dataset
3. Add New Features
4. Optimize Performance
5. Optimize Design

# THANK YOU!