

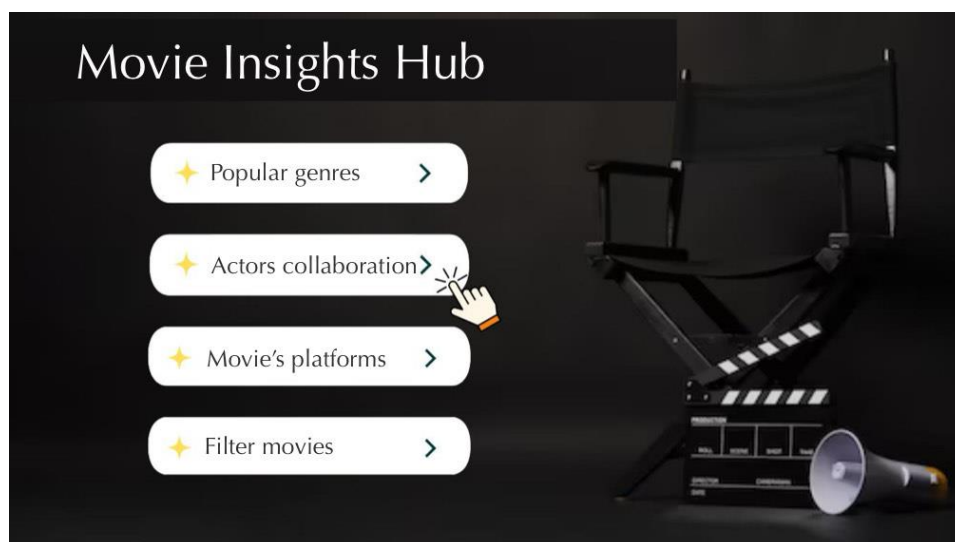
## User Manual

The application is designed to empower movie enthusiasts, producers, or researchers with data-driven insights into movie trends, actors' collaborations, financial metrics, and more. It offers customized queries to extract valuable information from a movie database, helping users make informed decisions.

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### Home Page

On the home page, users can choose the desired functionality based on their needs. Options include identifying popular genres, exploring actor collaborations, comparing movie platforms, and browsing movies by detailed filters.



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### Page 1: Discover Popular Genres

Input: Season, Year, Minimum Revenue

This page allows users to explore how genre popularity varies by season and year, filtered by a revenue threshold. Since audience preferences often shift with the time of year, this feature provides insights into seasonal trends in the movie industry. Users can identify which genres resonate most during specific periods, such as action-packed blockbusters in the summer or heartfelt dramas in the winter.

Example: A user selects "summer", "2023", and a minimum revenue of \$500,000. The results showcase genres like Action and Comedy, which are traditionally popular during summer months due to their broad appeal to vacationing audiences.



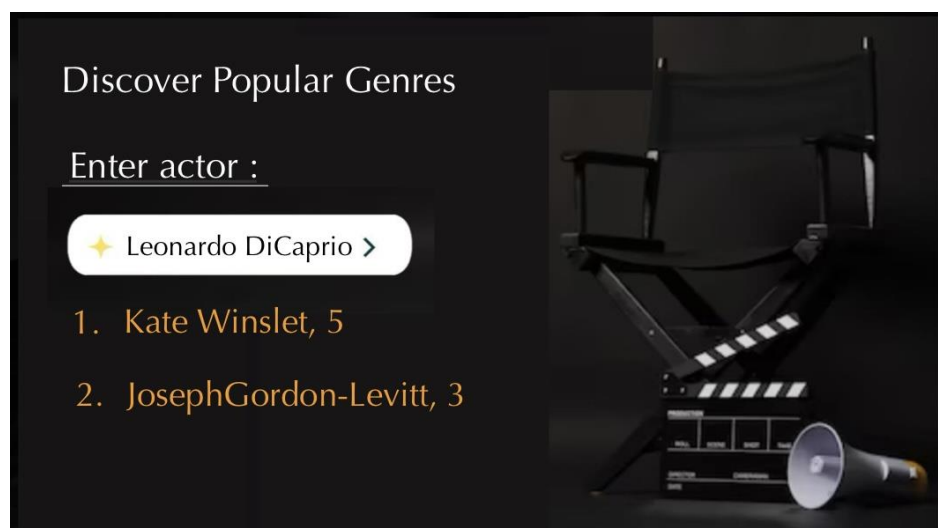
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## Page 2: Explore Actor Collaborations

Input: Primary Actor Name

On this page, users can input an actor's name to discover their most frequent co-stars and their shared movie count. This feature highlights strong on-screen partnerships.

*Example:* Searching for "Leonardo DiCaprio" reveals that "Kate Winslet" collaborated with him most frequently.

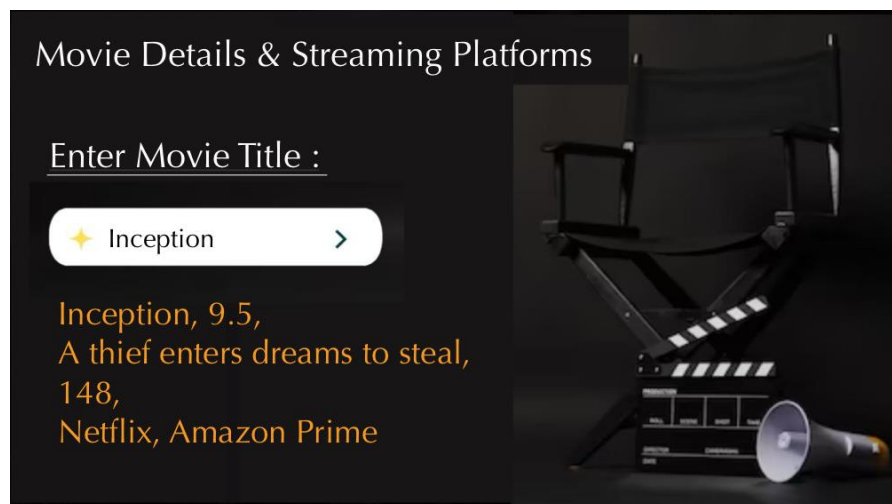


### Page 3: Movie Details and Streaming Platforms

Input: Movie Title

This page enables users to search for a movie by title, providing detailed information like ranking, overview, runtime, and streaming platform availability.

*Example:* Searching for "Inception" displays its rank, a brief synopsis, runtime, and where it can be streamed, such as Netflix or Hulu.



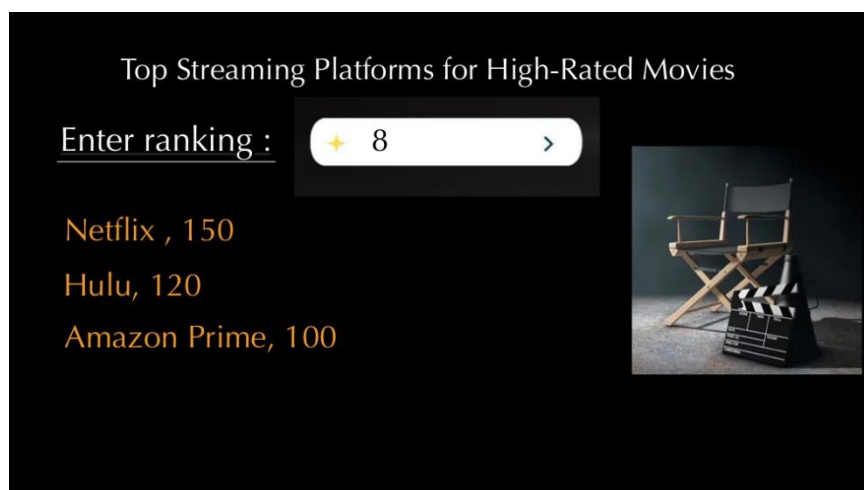
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### Page 4: Top Streaming Platforms for High-Rated Movies

Input: Minimum Rating (0–10)

Users can find which streaming platform offers the most high-rated movies based on a specified minimum rating.

*Example:* Entering a rating of 8 lists "Netflix" as the platform with the highest number of critically acclaimed movies.



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## Page 5: Advanced Movie Search

Input: Free Text (overview), Genre, Release Date, Minimum Runtime

This feature allows advanced filtering for movies based on multiple criteria, including storyline keywords, genre, release date, and runtime. The results include detailed movie cards with title, overview, revenue, and viewer ratings.

*Example:* Searching for "adventure," "Action," "2020," and runtime above 120 minutes lists films like "Avengers: Endgame," displaying their revenue and audience reception.

The screenshot displays the 'Advanced Movie Search' interface. At the top, the title 'Advanced Movie Search' is centered. Below it, there are four search filters: 'overview contains:' with a text input field containing 'Rain', 'min duration:' with a slider set to 120, 'starts from:' with a date input field containing '2020-01-01', and 'genre:' with a dropdown menu set to 'Action'. Below the filters, there are two columns of movie results. The left column lists 'Rainy Love, A romance under stormy skies, \$1,200,000, 8.2' and 'Viking Rain, Wars fought in endless rain, \$2,500,000, 9.0'. The right column lists 'Rainfall Fury, An epic batt in the rain, \$950,000, 7.8' and 'Thunderstorm Edge, A heist during torrential rain, \$1,800,000, 8.5'. The background of the interface shows a blurred image of a movie theater audience.

Movie Title	Overview	Revenue	Rating
Rainy Love	A romance under stormy skies	\$1,200,000	8.2
Viking Rain	Wars fought in endless rain	\$2,500,000	9.0
Rainfall Fury	An epic batt in the rain	\$950,000	7.8
Thunderstorm Edge	A heist during torrential rain	\$1,800,000	8.5