



# UNIVERSITÀ DI PISA

Large-Scale and Multistructure Databases

UMDb User Manual

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## User Guide

This guide shows the functionalities of the UMDb web app to help the user navigate it and take advantage of all it has to offer.

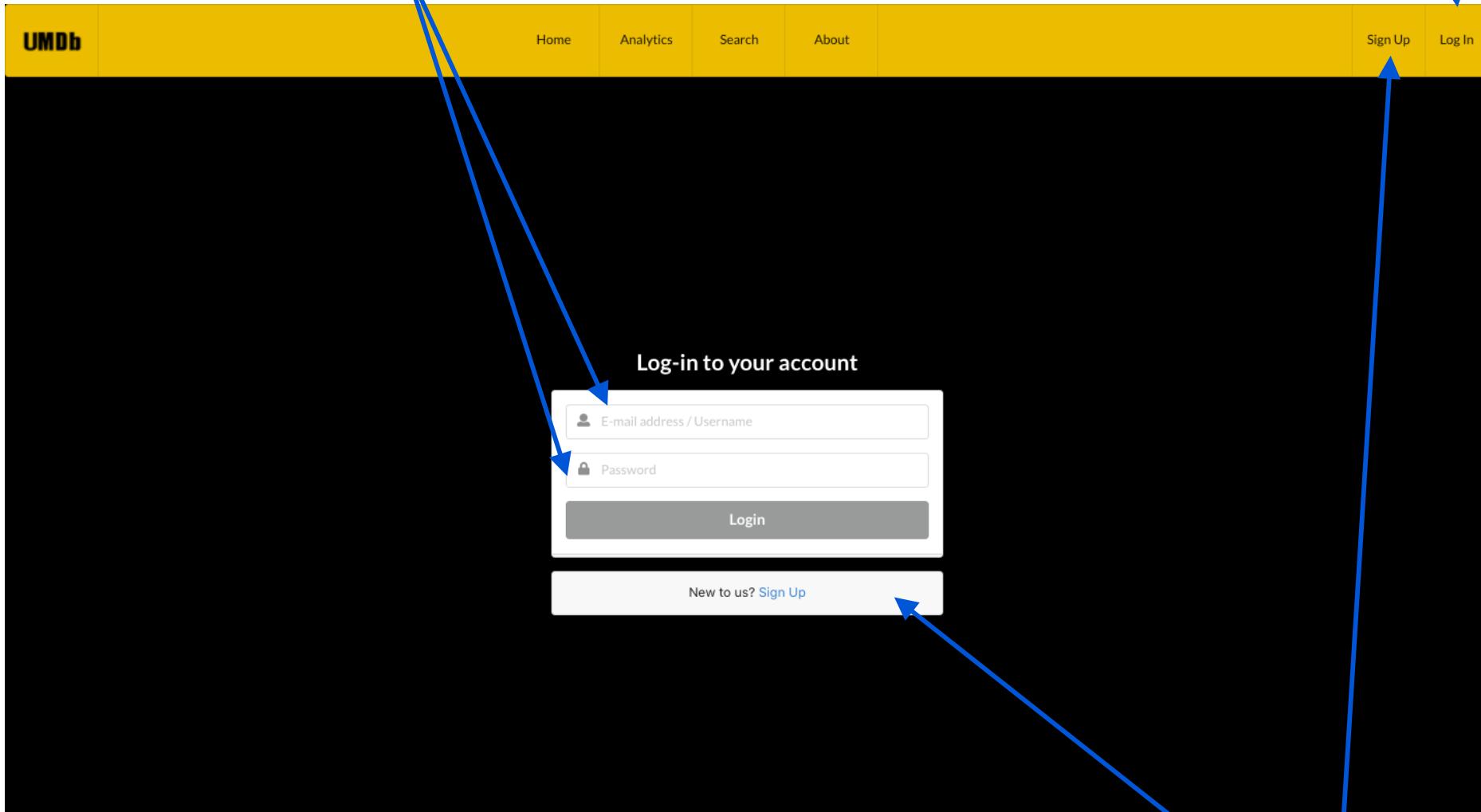
The users must be connected to the VPN of the UniPi network to be able to access the databases hosted on the virtual servers.

It is not necessary to be a logged-in user to surf the application, however access to functionalities will be limited.

A user who is registered may log into the application with their credentials. Users who are not members may create their accounts in the “Sign up” page.

The link to the project Github repository is included in the references.

# Login Page



Fill both fields then  
press log-in to  
access your account

Log into your account  
with existing  
credentials here

If you are not a  
member already, you  
can create an account  
by clicking this button.

# Sign Up Page

To create an account,  
fill all fields with your  
personal information,  
then click here.

The screenshot shows the UMDb sign-up page. At the top, there is a yellow header bar with the UMDb logo on the left and navigation links for Home, Analytics, Search, and About. On the right side of the header, there are 'Sign Up' and 'Log In' buttons. Below the header, the main content area has a black background. In the center, there is a white rectangular form titled 'Create an account'. The form contains the following fields: 'Username' (with a user icon), 'Name' (with a person icon), 'Surname' (with a person icon), 'E-mail address' (with an envelope icon), 'Date of birth' (with a calendar icon), 'Gender' (a dropdown menu), 'Country of birth' (a dropdown menu), 'Password' (with a lock icon), and 'Confirm Password' (with a lock icon). At the bottom of the form is a large grey 'Sign up' button. A blue arrow points from the text in the top right corner down to the 'Sign up' button, indicating where the user should click to submit the form.

UMDb

Home Analytics Search About

Sign Up Log In

Create an account

Username

Name

Surname

E-mail address

Date of birth

Gender

Country of birth

Password

Confirm Password

Sign up

# Sign Up Message

The screenshot shows a user interface for creating an account. At the top, there is a yellow navigation bar with the logo "UMDb" on the left and links for "Home", "Analytics", "Search", and "About" on the right, along with "Sign Up" and "Log In" buttons. Below the navigation bar, the main content area has a black background. A central modal window titled "Create an account" is displayed. Inside the modal, a green success message says "Account Created" followed by "You're all signed up for the plateform". Below the message, there is a list of account details:

- Usernames: aida, aida, him
- Email: ayouda@email.com
- Date of Birth: 2022-04-27
- Gender: Female
- Nationality: Morocco
- Two password fields, both showing masked input (.....)

Two blue arrows point from the explanatory text at the top to the "Sign Up" button and the "Account Created" message in the modal.

If your account was  
created successfully,  
you will receive this  
message.

Now you should be  
able to log in with your  
new credentials.

UMDb

Home Analytics Search About Sign Up Log In

Create an account

Account Created  
You're all signed up for the plateform

aida  
aida  
him

ayouda@email.com

2022-04-27

Female

Morocco

.....  
.....

# Home Page

Upon logging in, you will be directed to the Home Page, where the most popular movies are displayed

Here you can see your username, click on the drop down menu to access your profile or logout.

The screenshot shows the UMDb homepage with a yellow header bar. On the left is the UMDb logo. To its right are navigation links: Home (which is highlighted in dark grey), Activity, Analytics, Search, and About. On the far right is a user profile section with the initials "AH" and the name "Ahim" followed by a dropdown arrow. Below the header, the page title "Most Popular" is displayed in white. The main content area features a grid of movie cards. The first row contains four cards: "Minions" (6.4), "Wonder Woman" (7.2), "Baby Driver" (7.2), and "Big Hero 6" (7.8). The second row contains three visible cards: "Deadpool", "Guardians of the Galaxy", and "Avatar". Each card includes a small movie poster, the movie title, and its IMDB rating.

Movie	Rating
Minions	6.4
Wonder Woman	7.2
Baby Driver	7.2
Big Hero 6	7.8

# Profile Page

Click the follow button to follow a user of your choice

The user logged in the websited right now is an Admin, because they have the option to delete this user from the system

UMDb

Home Activity Analytics Search About

AH Ahim

Username: **Mark-A-Stephens-900-93435** Member Since: **4/13/2018**

Followers: 0 Followed: 0 Watchlists: 0

Follow User Delete User

**Details**

Name: Louka

Surname: Leclercq

Date Of Birth: 10/24/1988

Country: France

Email: Louka.Leclercq@Example.Com

**Watchlists**

# Browsing Movies

This is an example of a movie page. Here you have access to extensive information about a movie

Click this button to add a movie to your watchlist.



The image shows a screenshot of the IMDb website for the movie "Wonder Woman". The top navigation bar is yellow with the IMDb logo, Home, Activity, Analytics, Search, About, and user profile sections. Below the header is a large image of Gal Gadot as Wonder Woman in her costume, with a glowing energy ring around her hand. The title "Wonder Woman" is displayed prominently. To the right of the title is a button labeled "Add To Watchlist" with a bookmark icon. Below the title, movie details are listed: IMDB Rating (7.2), Total Votes (5025), Runtime (2h 21min), and Release Date (5/30/2017). A plot summary follows: "An Amazon princess comes to the world of Man to become the greatest of the female superheroes." Below the summary are genre tags: Action, Adventure, Fantasy. Cast members listed include Gal Gadot, Chris Pine, and Robin Wright. Language information shows Deutsch English. Budget is \$149,000,000.00 and Revenues are \$820,580,447.00. At the bottom, a section titled "Cast" shows thumbnail images of the main cast members: Gal Gadot, Chris Pine, Robin Wright, Connie Nielsen, David Thewlis, Lynda Carter, J.K. Simmons, and Minka Kelly.

Home    Activity    Analytics    Search    About    AI    Aida

# Wonder Woman

IMDB Rating ★ : 7.2    Total Votes 👍 : 5025    Runtime ⏱ : 2h 21min    Release Date 📅 : 5/30/2017

An Amazon princess comes to the world of Man to become the greatest of the female superheroes.

**Genres :** Action, Adventure, Fantasy

**Stars :** Gal Gadot, Chris Pine, Robin Wright

**Languages :** Deutsch English

**Budget :** \$149,000,000.00

**Revenues :** \$820,580,447.00

## Cast



# Read and Post Reviews

Lower in the movie page, you will see an area reserved for reviews.

## Reviews

Title

Review description ...

Add Reply

★★★☆☆

To post a review, fill the three fields then press add review.

AD Hear Me Out...

I have watched this movie a couple of times. The first watch, I didn't mind it. But, the more I've watched it, the more I have grown to hate it. Gal's acting is absolutely horrid. She has no acting chops whatsoever. The other actors are also cheesy. The CGI is horrendous. Don't waste your time with this one.

Review By Adamstommy

posted on 3/30/2020

★★★☆☆

R8 A Good Movie That Made Me Want To Keep Looking Forward To The Second.

One of the action scenes perfectly matched the music, and it was very impressive. It left a deep impression on me. The story is wonderful but the ending is too casual. I have to say that Gal Gadot added a lot to this movie and the

Otherwise, you can scroll and read other users' reviews on the movie.

# Load More Reviews in a Movie Page

unstoppable force has the Avengers on the brink of ending. AVENGERS: AGE OF ULTRON wasn't nearly as good as the first film in the series but there's still plenty to enjoy here as director Joss Whedon manages to keep the action scenes full of energy and there are enough bits of comedy to make the film enjoyable to watch. With that said, I'd be lying if I said the story itself was anything overly special and at times the extended running time seems to be going on for too long. There's still enough great action here to make the film worth sitting through. This includes the non-stop action scenes all of which seem to get bigger and better than the previous one. The ending is something I won't spoil but it contains quite a bit of imagination and it really comes to life. As I've said before, it's really amazing how far CGI has come over the past decade. Whereas at one time you could always tell what's fake that's not the case any more. The CGI flawlessly blends in with the live action to where it blends perfectly together. Another major plus for the film is that the casting is simply perfect. By this point in the series you know that Downey is just flawless as Tony Stark/Iron Man but the rounding cast is also terrific. Chris Hemsworth, Ruffalo, Chris Evans, Scarlett Johansson, Jeremy Renner, Samuel L. Jackson, Don Cheadle and Elizabeth Olsen are all very good and certainly help bring these characters to life.

Review By [Michael\\_Elliott](#)

posted on 1/5/2016

☆☆☆☆☆

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## Biggest Disappointment Of 2015

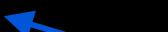
I expected Age of Ultron to be a worthy sequel to the glorious Avengers. When I went to the cinema I expected to see something impressive and innovative. I was completely wrong. The movie is a complete mess, with pointless filler scenes. Right from the beginning of the movie they showed a combat scene out of nowhere and without ANY explanations whatsoever. They showed Tony using his Iron Man suit when in Iron Man 3 he destroyed all of them. How did Loki's scepter fall into bad guys's hands ? In order to understand it you need to watch the series "Agents of SHIELD", which is completely unacceptable as far as I'm concerned. Later on they show Ultron, Vision, and Scarlet Witch whose abilities didn't even explain ! How did they come up with that idea ? Not all people read comics neither watch the series. Take me for example, during the movie I felt so empty which was the last feeling I expected from the movie. Even the finale which was supposed to be "epic" was so anti-climatic and strange. Don't get me wrong, I LOVED the first Avengers movie, however, this one is just a waste of time and money. It is by far the worst movie of 2015 and the worst sequel I have ever watched.

Review By [Teopsa](#)

posted on 1/4/2016

★☆☆☆☆

[Load More](#)



Click load more to read as any reviews as available.

## Search Users/Movies:

In the search page, you can look for a movie using various filters



You don't need to fill every field, but doing so will narrow down your search

The screenshot shows the UMDb search interface with two main sections: 'Search Movies' and 'Search Users'.

**Search Movies:** This section features a search bar with the text "Toy story" and a yellow "Search" button. Below the search bar are "Movie Filters" for genres, release year, runtime, and languages. A blue box highlights the search bar with the text: "You don't need to fill every field, but doing so will narrow down your search".

**Search Users:** This section features a search bar with the placeholder "Search Users ..." and a yellow "Search" button. Below the search bar are "User Filters" for the number of followers, with options set to 10 and 20. A blue box highlights the search bar with the text: "You can search for other users either by their username or their following count".

AI Aida ▾

# Search Movies: Result

Movie Search Results :

The screenshot shows the IMDb search results for 'Toy Story'. The top navigation bar includes links for Home, Activity, Analytics, Search, About, and a user profile for 'Aida'. Below the search bar, the results are displayed in a grid:

- Toy Story**: Rating 7.7
- Toy Story 2**: Rating 7.3
- Toy Story 3**: Rating 7.6
- Toy Story of Terror!**: Rating 7.3

Two blue arrows point from a text box at the bottom left to the titles of the first two results.

Clicking on these links will take you to the corresponding movie page.

# Search Users: Result

The screenshot shows the UMDb website interface. At the top is a yellow navigation bar with links for Home, Activity, Analytics, Search, and About. On the far right, there's a user profile for "Aida" with an "AI" icon. Below the navigation bar, the main content area has a black background and displays "User Search Results". It lists four user profiles in cards:

- DR Drednm
- HS Hstteach
- KE Kenwesbutterfly
- VA Vaughankip

Each card includes a "» Details" button. A blue arrow points from a callout box to the "Details" button of the first profile, DR Drednm. The callout box contains the following text:

After inputting your preferences in the user search bar, you will be shown a list of users that match your search. Click on Details to access their profiles.

At the bottom center of the results area is a "Load More" button.

## Following a user:

The screenshot shows a user profile page on the UMDb website. At the top, there's a yellow navigation bar with links for Home, Activity, Analytics, Search, and About. On the far right, it shows a user icon with 'SA' and the name 'Salim'. Below the bar, the user's profile picture is a white circle containing the number '03'. To the right of the picture, the username '03mattil' and 'Member Since 11/23/2017' are displayed. Below this, social metrics are shown: Followers : 3, Followed : 3, Watchlists : 1. A red button labeled 'Unfollow User' is highlighted with a blue arrow pointing to it from the right. The main content area is titled 'Details' and lists the following information: Name : Silke, Surname : Sørensen, Date Of Birth : 4/4/1997, Country : Denmark, and Email : Silke.Sorensen@Example.Com. A blue arrow points from the bottom left towards the 'Watchlists' section. A callout box on the right side of the 'Unfollow User' button says: 'Once you've followed a user, you can unfollow them again by clicking here'. Another callout box near the bottom right says: 'Scrolling lower, you will find their watchlists. Clicking on the watchlist will take you to the dedicated page'.

03

Username  
03mattil Member Since  
11/23/2017

Followers : 3 Followed : 3 Watchlists : 1

Unfollow User

Details

Name : Silke

Surname : Sørensen

Date Of Birth : 4/4/1997

Country : Denmark

Email : Silke.Sorensen@Example.Com

Watchlists

Once you've followed a user, you can unfollow them again by clicking here

Scrolling lower, you will find their watchlists. Clicking on the watchlist will take you to the dedicated page

## Following a watchlist

Follow the watchlist by clicking here.

Author Murray\_john  
Watchlist's Name OfAJFyHOVQ  
Number Of Followers 10  
Number Of Movies 2  
Creation Date 2016-10-05

Or click on the movies for more details.

You can also search for movies in the watchlist in the search bar.

# Activity: Followed Watchlists

In the activity tab, you can see the users you follow, you can unfollow them from here or visit their accounts as well

The screenshot shows the UMDb application interface with the 'Activity' tab selected. The left section, 'Watchlists You Follow', displays a list of six watchlists, each with a user icon, entitlement, and a 'Details' button. The right section, 'Suggested Watchlists', displays a list of six suggested users, each with a user icon, entitlement, and a 'Follow' button. Blue arrows point from the explanatory text at the top to the 'Unfollow' buttons in the 'Watchlists You Follow' section and from the explanatory text at the bottom to the 'Follow' buttons in the 'Suggested Watchlists' section.

Watchlist Entitlement	User Icon	Watchlist Of	Action Buttons
AT Entitled ATETQSUKQ	AT	Watchlist Of Usualstuff111	» Details, Unfollow
O8 Entitled O8qsd91dx	O8	Watchlist Of RobertF87	» Details, Unfollow
SN Entitled SN6IJSWHk5	SN	Watchlist Of Joestank15	» Details, Unfollow
TC Entitled TCo3mOpHnP	TC	Watchlist Of KibTheGreat	» Details, Unfollow
RY Entitled RyJPe6z4lF	RY	Watchlist Of Rskolek	» Details, Unfollow
DQ Entitled DqC3A2vahE	DQ	Watchlist Of A-Renny-111-38614	» Details, Unfollow

Suggested User Entitlement	User Icon	Suggested By	Action Buttons
9Y Entitled 9yjqRye4d	9Y	Watchlist Of Mark-43869	» Details, Follow
3Q Entitled 3QrZom70Km	3Q	Watchlist Of Baker_boy86	» Details, Follow
JS Entitled JSenSO0mPg	JS	Watchlist Of Hpagan14	» Details, Follow
5I Entitled 5icsrZpi3F	5I	Watchlist Of Mmulac	» Details, Follow
FJ Entitled FjQzeKcls	FJ	Watchlist Of Mgeorges-35737	» Details, Follow

On the right tab, you will see a list of suggested users you may want to follow.

# Activity: Followed Users

Similarly, a page for followed/suggested user profiles is provided in the Activity tab

The screenshot shows the UMDb application interface with a yellow header bar. The header includes links for Home, Activity (which is currently selected and highlighted in brown), Analytics, Search, and About. A user profile for 'Ahim' is shown on the right.

The main content area is divided into two sections:

- Users You Follow**: This section lists users that the current user follows. Each entry includes a small profile icon, the user's name, a "Details" button, and an "Unfollow" button.
- Suggested Users**: This section lists users who are suggested for the current user to follow. Each entry includes a small profile icon, the user's name, a "Details" button, and a "Follow" button.

Both sections use a dark background with white text and light gray buttons. The "Follow" button in the Suggested Users section is highlighted in yellow, matching the header color.

Section	User	Action Buttons
Users You Follow	Kiellogic	Details, Unfollow
	Maneendarujjaini	Details, Unfollow
	Gshardaway	Details, Unfollow
	Clairefinlay-16131	Details, Unfollow
	R-A-Bacchi	Details, Unfollow
	A-Game-Of-Dinklage	Details, Unfollow
	A-Renny-111-38614	Details, Unfollow
	A-Ross1-941-927078	Details, Unfollow
Suggested Users	Borsosmj	Details, Follow
	SzamarCsacsi	Details, Follow
	Electromax	Details, Follow
	Wodulf	Details, Follow
	Blackwookie	Details, Follow
	Anniemarshallster	Details, Follow
	Hlibra19	Details, Follow

# Accessing the Analytics

The analytics page provides summaries of popular/best rated movies based on genre, year...

Usernames and watchlists are clickable and can be accessed from this page

The screenshot shows the UMDb Analytics page with a yellow header bar. The header includes the UMDb logo, navigation links for Home, Activity, Analytics (which is highlighted), Search, and About, and a user profile for AH Ahim.

**Top 10 Active Users In The Platform**

1.	GeorgeRoots
2.	plantaholics
3.	davidmiljaky
4.	robcartwright-26034
5.	ryanfoss-31048
6.	tptrucking1
7.	haroldhecuba
8.	inancdirier-22833
9.	phoenixnethermoor
10.	acrktaylor

**Most Followed Watchlists**

cEETBqEM3j	Followers : 11
MWTjZnWug2	Followers : 10
IbO3hrs9mE	Followers : 9
OfAJFyHOVQ	Followers : 9
6pD1IGe6Y7	Followers : 9
I4nWA8MbD1	Followers : 9
LD41yy01sx	Followers : 9
1KGsOFNfnr	Followers : 9
kPGknhEXdK	Followers : 9
LKI0Os7aHm	Followers : 9

**Total Number of Reviews Per Year**

4 reviews(s) in 2022
2846 reviews(s) in 2021
75644 reviews(s) in 2020
3907 reviews(s) in 2019
36535 reviews(s) in 2016
24966 reviews(s) in 2014
27364 reviews(s) in 2013
7432 reviews(s) in 2011

**Most Popular Genres Per Year**

Fantasy in 2017
Adventure in 2016
Adventure in 2015
Adventure in 2014
Adventure in 2013
Adventure in 2012
Adventure in 2011
Adventure in 2010

## Analytics (cont.)

Total Number of Reviews Per Year	
4 reviews(s) in 2022	
2846 reviews(s) in 2021	
75644 reviews(s) in 2020	
3907 reviews(s) in 2019	
36535 reviews(s) in 2016	
24966 reviews(s) in 2014	
27364 reviews(s) in 2013	
7432 reviews(s) in 2011	
231 reviews(s) in 2009	
5056 reviews(s) in 2008	

Most Popular Genres Per Year	
Fantasy in 2017	
Adventure in 2016	
Adventure in 2015	
Adventure in 2014	
Adventure in 2013	
Adventure in 2012	
Adventure in 2011	
Adventure in 2010	
Fantasy in 2009	
Adventure in 2008	

Top 10 Popular Movies Per Genre	
<input type="button" value="Family"/>	
Minions	
Big Hero 6	
Captain Underpants: The First Epic Movie	
Spirited Away	
Harry Potter and the Philosopher's Stone	
Despicable Me 3	
The Emoji Movie	
Harry Potter and the Chamber of Secrets	
Harry Potter and the Prisoner of Azkaban	

Highest Voted Movies Per Year And Genre	
<input type="button" value="Year"/>	
<input type="button" value="Genre"/>	
Daayen Ya Baayen	
Louis C.K.: Hilarious	
Tracy Morgan: Black & Blue	
Shikshanachya Aaicha Gho	
Lucky	
American: The Bill Hicks Story	
Bill Burr: Let It Go	
Ricky Gervais: Out of England 2 - The Stand-Up Special	
The Disappearance of Haruhi Suzumiva	

Some summaries have input fields that you can use to manipulate the results

## References:

Github Repository of the project:

[https://github.com/Arselene/UMDB\\_PROJECT](https://github.com/Arselene/UMDB_PROJECT)