

IMD-DATA GUI MANUAL

A Users Guide to Data at the Click of a button

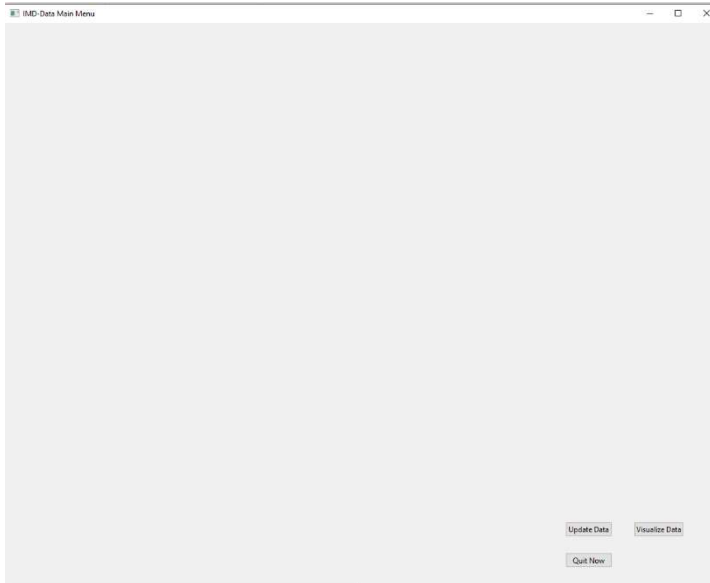


SP2022
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Capstone Course

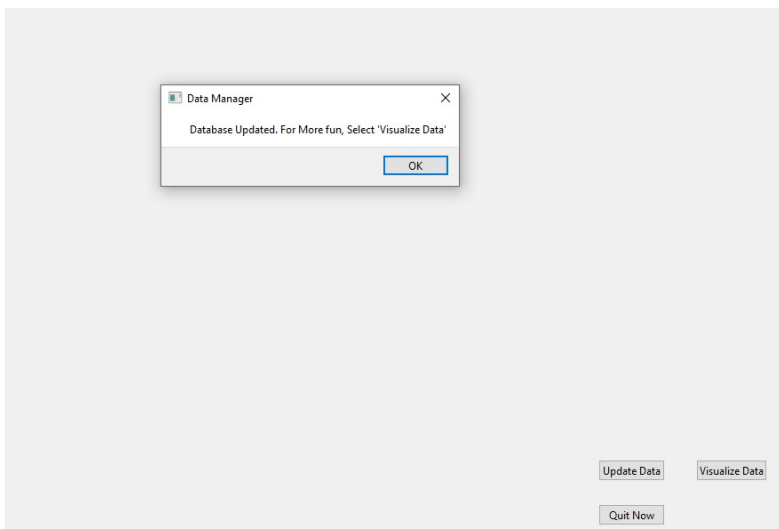
** GUI PROTOTYPE MANUAL

MAIN MENU:

1. When Launching the GUI, you'll be brought to the home page
 - The home page has a few different elements

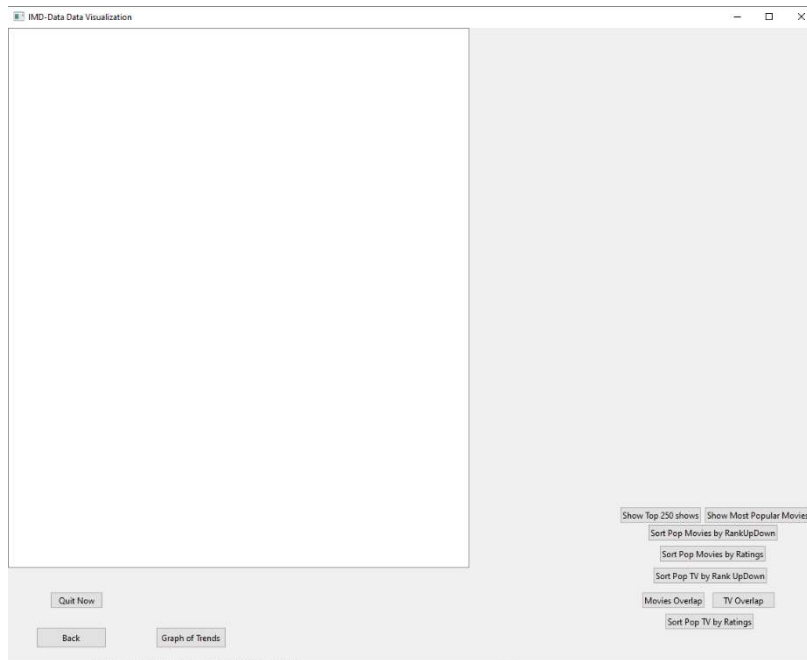


- i. The 'Update Data' Button, as intuitive as it sounds, will update the database with all the most current information from IMDb's API. ***Note: Slight buffer time**
➔ When the buffer time is done you'll be prompted with a pop-up notifying you that the data has been updated, which will bring us to our next button



- ii. Next, visualize data. Upon clicking this button, you'll be greeted with a whole new layout of buttons. See next page for details
 - iii. Quit Now – Exits out of the GUI in its entirety.

Data Visualization:



(For list population demo, see page 3)

Now, this section has a lot more to unpack than the main menu. The buttons available are as follows:

Show Top 250 – Shows the Top 250 shows from IMDb API that was stored in the DB. This list will show up in the table widget on the left.

Show Most Popular Movies – When clicked, repopulates the table widget with DB info on the most popular movies (unsorted) at the time.

Sort Pop Movies by RankUpDown – When clicked, repopulates the table with DB info on the most popular movies sorted (desc) by rankUpDown index

Sort Pop Movies by Ratings – When clicked, repopulates the table with DB info on the most popular movies sorted (desc) by their IMDb Rating

Sort Pop TV by RankUpDown – If clicked, repopulates the table with DB info on the most popular shows sorted (desc) by rankUpDown index

Sort Pop TV by Ratings – If clicked, repopulates table with DB info on most popular shows sorted (desc) by rating

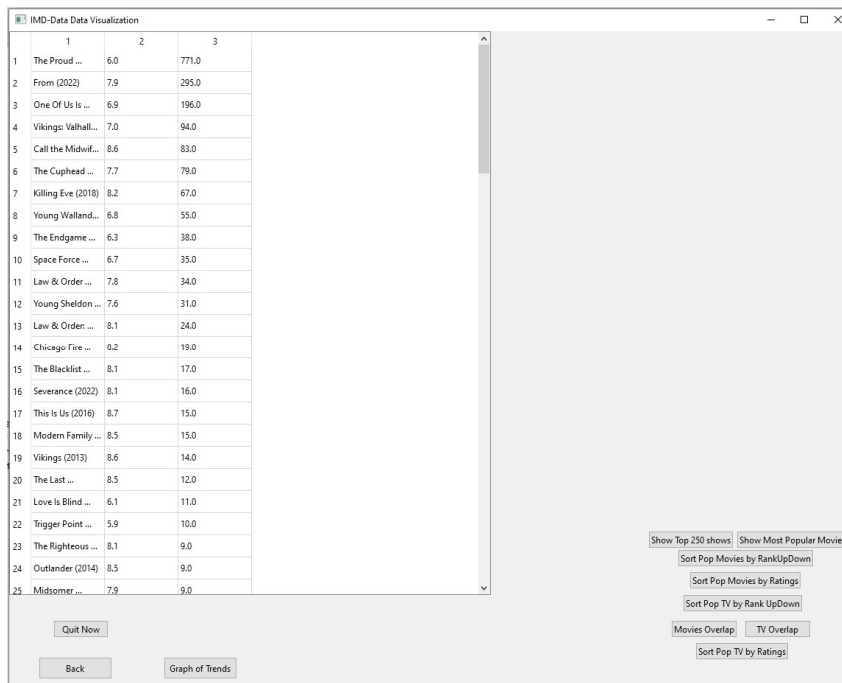
Movies Overlap – When clicked, repopulates table with DB info on the overlap between top250 movies and

TV Overlap – When clicked, functions as Movies Overlap does, but for TV Shows instead.

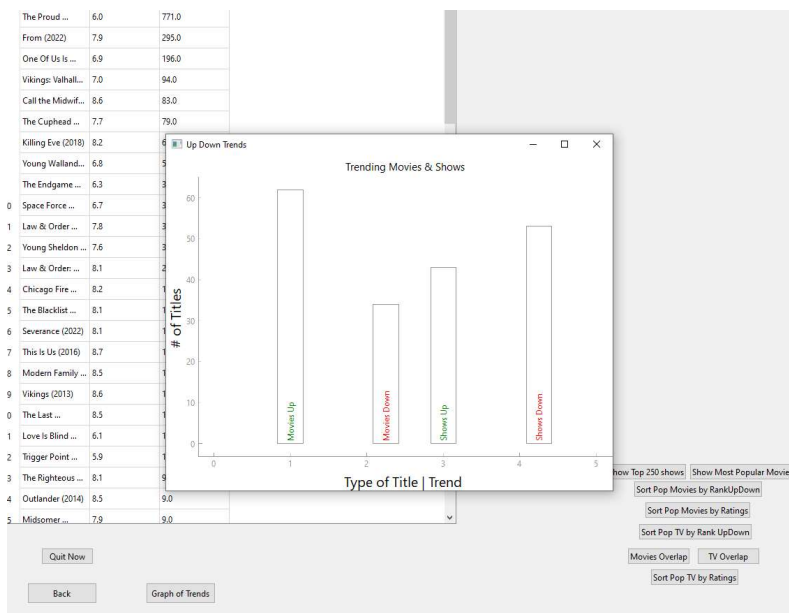
Back – Brings the user back to the main menu again

Graph of Trends (See page 3 for Demo) – Displays a bar graph representing the number of titles in both movies and shows that are moving up and those moving down.

GUI Visualization Demonstrations (Misc.)



(Pictured here is an example of the table being populated on button click – specifically in this image, most popular movies were selected)



(Pictured here is the graph showing up and down trends popping up after 'Graph of Trends' was clicked)

- Thank you for using imdb-Data user interface.