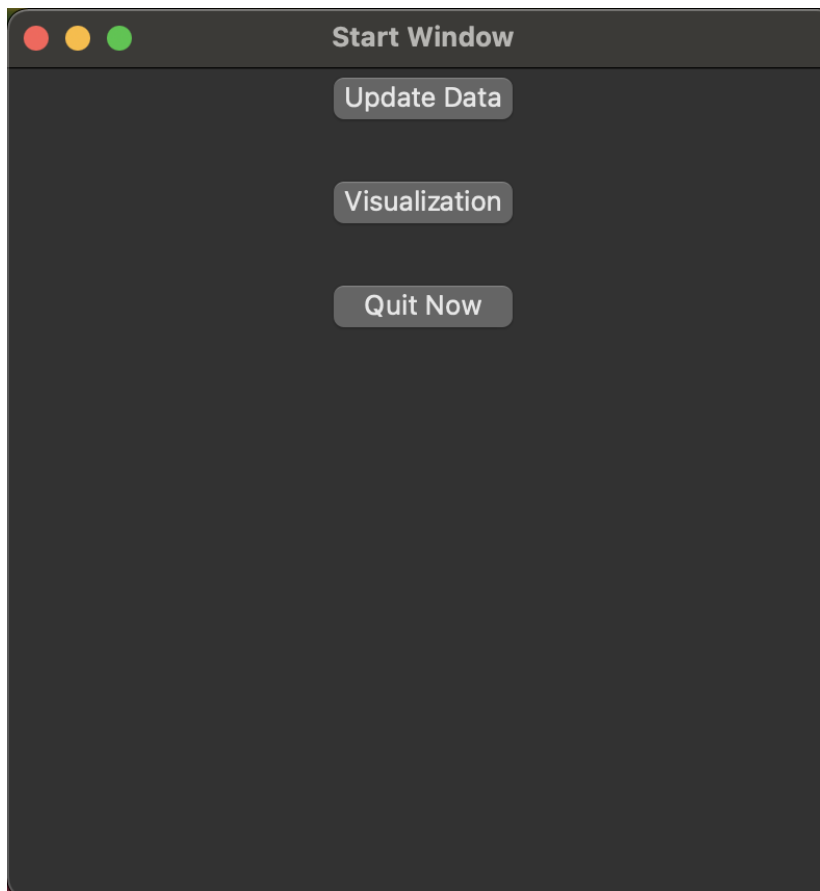


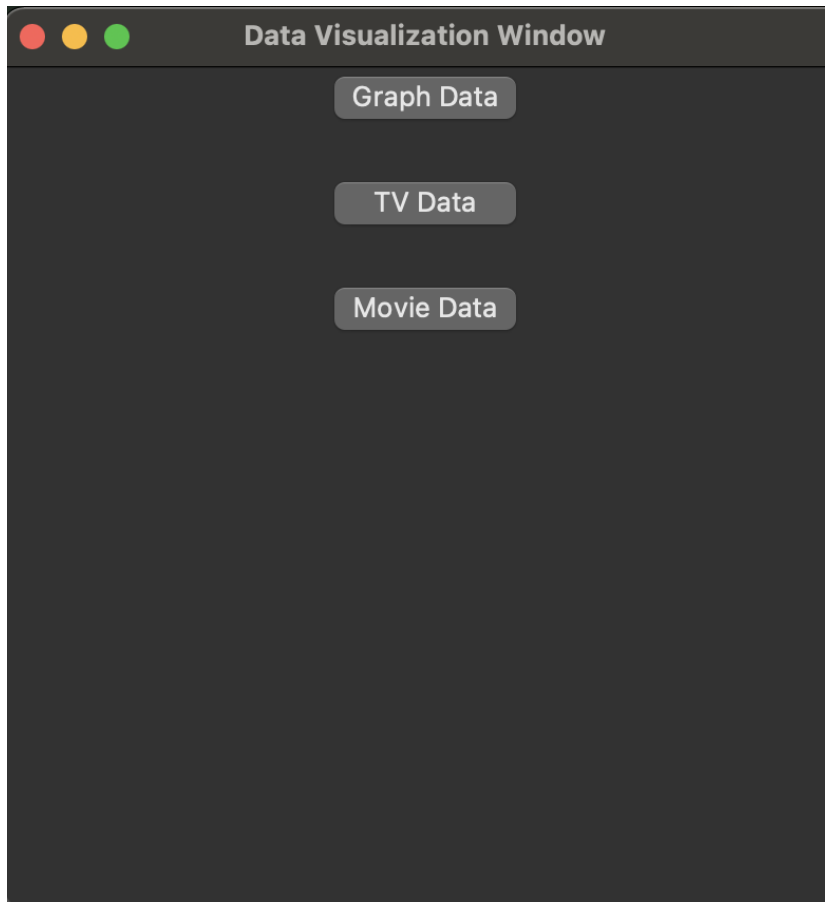
Start Window:

- When first run, the GUI will open the start window. This window should include buttons to update data, visualize data, and quit.
- When the visualize data button is pressed, the Data Visualization Window is opened.



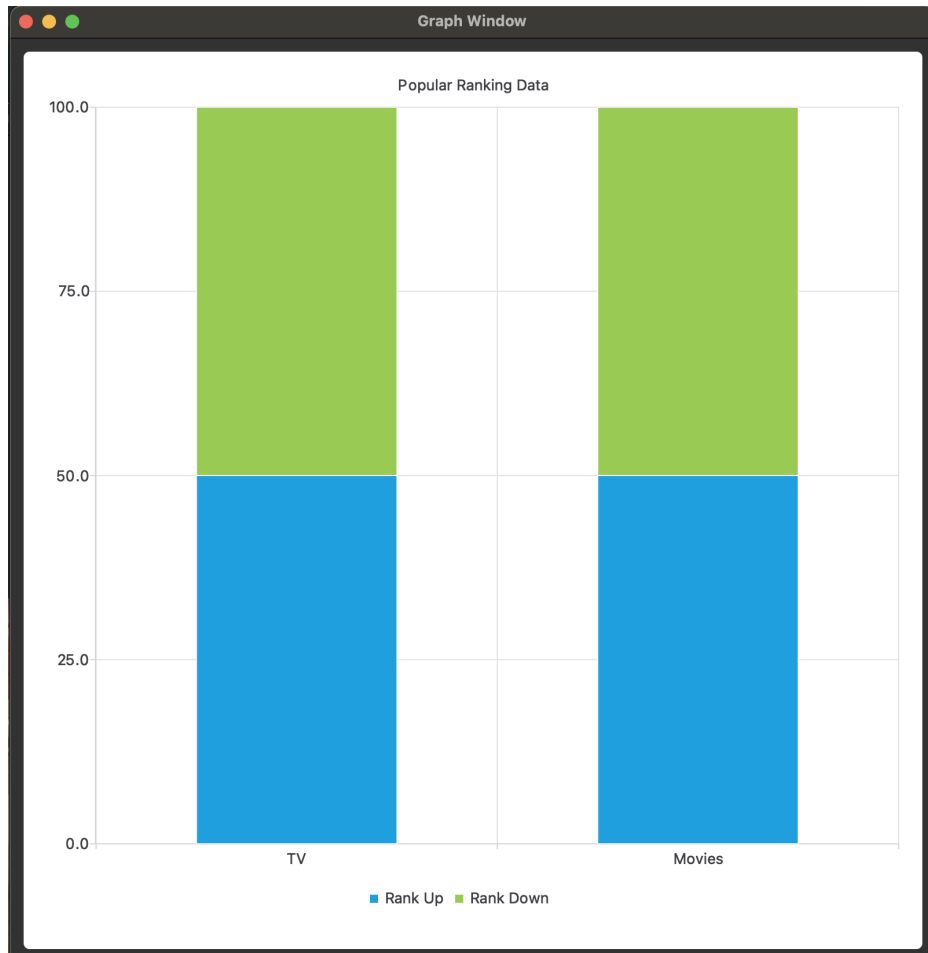
Data Visualization Window:

- This window should include buttons for graphing data, tv data, and movie data.
- When the graphing data button is pressed, the Graph Window is opened.
- When the tv data button is pressed, the TV Data Window is opened.
- When the movie data button is pressed, the Movie Data Window is opened.



Graphing Window:

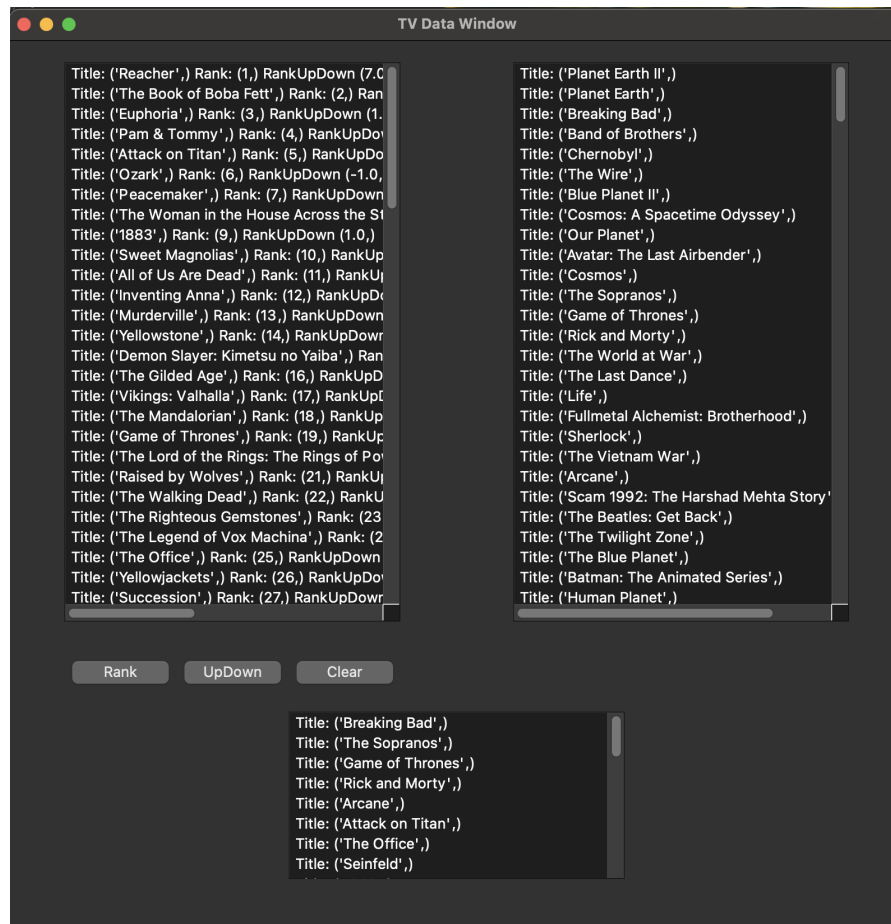
- This window should show a bar graph.
- This bar graph visualizes how many popular tv and movies rank's are moving up or down.



TV Data Window:

- This window should include three buttons and three lists
- The three lists:
 - To the left, the popular tv list, includes the title, rank, and rankUpDown of the popular shows.
 - To the right, the top 250 list, includes the title of the top 250 tv shows.
 - On the bottom, the crossover list, includes the titles of shows that appear in both lists.

- The three sorting buttons will sort the popular tv list by either rank or rankUpDown, the clear button will clear the list. It is recommended to use the clear button before switching how the list is sorted.



Movie Data Window:

- This window should include three buttons and three lists
- The three lists:
 - To the left, the popular movie list, includes the title, rank, and rankUp/Down of the popular movies.
 - To the right, the top 250 list, includes the title of the top 250 movies.

- On the bottom, the crossover list, includes the titles of movies that appear in both lists.
- The three sorting buttons will sort the popular movie list by either rank or rankUpDown, the clear button will clear the list. It is recommended to use the clear button before switching how the list is sorted.

