Assignment- 7
IMDb Movie Data Analytics Using Excel Pivot Table Formatting

Task1:

1. Show **Budget** and **Gross Revenue** by **Title**, and change the **number format** to *currency*, with a dollar sign and no decimal places. What was the budget for "A Passage to India"?

2. Remove **Budget** and **Title**, and show **Gross Revenue** by **Genre** (rows) and **Rating** (columns). Update the PivotTable options to show "**$0**" instead of blank values

3. Move **Rating** to the row labels (beneath **Genre**), change your table layout to **Outline View**, and Update your column headers from "*Rating*" to "*Film Rating*", and from "*Sum of Gross Revenue*" to "*Gross Revenue*" (**hint:** you may need a trailing space)

4. Remove Film Rating from the view, so that you're just viewing **Gross Revenue** by **Genre**. Turn **Grand Totals** off, select the Gross Revenue values, format as *currency* (if they aren't already) and add a **Color Scale** from Green (high) to Red (low). Which Genre produced the most Gross Revenue?

5. Add a second instance of Gross Revenue, and format the new column with **Data Bars**. Update the **number format** to make the text invisible, so that only the bars appear. Which Genre produced the second-highest Gross Revenue total in the sample?

Data URL: https://github.com/Learn-With-Karthik/NCPL-DataAnalytics/blob/main/Excel-Data%20Analysis%20using%20Pivot%20Table/IMDb%2BMovie%2BDatabase.xlsx

Note: Download the Dataset from Data URL

Task1:

Sorting, Filtering & Grouping Data with Excel Pivot Tables

1. Create a view showing **Gross Revenue** by **Title**, with a filter for **Year** to only include films released in 2005, 2006, 2007 or 2008, then sort the titles descending by Gross Revenue. What's the top-grossing film released during that 4-year sample? (**Note:** if the Release Dates don't auto-group, you will need to use the "Group" tools in the Analyze tab or create a new column in your raw data to extract the year from the Release Date column)

2. Add a **Label Filter** to only include titles that end in "2". How many sequels were released during these years? Which earned the most Gross Revenue?

3. Clear your label filter, and add a **Value Filter** to only show titles that earned between $1,000,000 and $3,000,000 in Gross Revenue. How many titles fell into this range?

4. Adjust your PivotTable Options to allow multiple filters, then add a label filter to only show movies that start with the letter "M". How many titles are now listed?

5. Add a wildcard to your label filter to only show titles that start with the letter "M" and also contain the letter "s", separated by any number of characters. Which titles are returned?