

Data for this month's contest uses IMDb's Horror Movie Dataset available through [Kaggle.com](https://www.kaggle.com)

Data processing (level 1)

- Write a script that will filter out movies that are missing a value in the 'Budget,' 'RunTime,' 'ParentalRating' and 'Rating' columns.
- Right now, the genre columns cannot be properly analyzed due to formatting (e.g., Action| Fantasy| Horror| Mystery| Romance). Write a script that will separate the column into multiple Genre categories.

Descriptive Statistics (level 2)

- Write a script that will provide the average, standard deviation, median, and range of the 'Rating' variable. Note the values you got from running the code
- Write a script that will show the average ratings by a movie's main genre.

Data visualization (level 3)

- Create a graph that shows the 'Budget' for the movies in the dataset over time.

Inferential statistics (level 4)

- Do movies with bigger budgets get better ratings?
- Do movies in the Horror genre get better ratings than Mystery movies?

