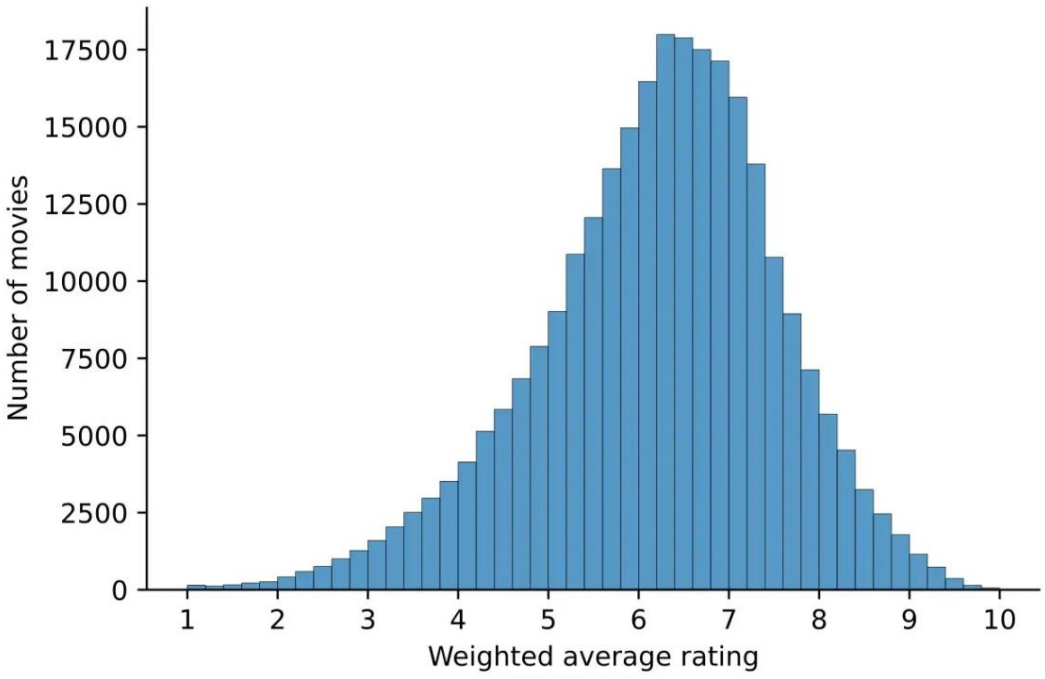
PREDICTING IMDB SCORES

NAME :	**E.THARUN**
College code	**4101**
DEPATMENT :	**CSE-III**
DOMAIN :	**SCIENCE**
PROJECT NAME :	**PREDICTING IMDB scores**



Problem Definition:

Predicting IMDb scores is a common problem in the film and entertainment industry. The goal is to develop a model or system that can accurately estimate the IMDb rating (typically on a scale of 1 to 10) of a movie before it is released or shortly after its release. This prediction can assist filmmakers, studios, and audiences in various ways:

Filmmakers and Studios:

Filmmakers and studios can use IMDb score predictions to gauge the potential success of their movies, helping them make marketing and distribution decisions.

Audiences:

Moviegoers can use IMDb score predictions to decide which movies to watch, making informed choices about their entertainment options.

Design Thinking in Predicting IMDb Scores:

Design thinking is a human-centered approach to problem-solving that involves empathy, ideation, and iteration. When applying design thinking to predicting IMDb scores, the process might look like this:

Empathize:

Understand the needs and perspectives of different stakeholders, such as filmmakers, studios, and audiences. Conduct interviews, surveys, and research to gather insights into what factors contribute to IMDb ratings.

Define:

Clearly define the problem by identifying the key challenges and opportunities in predicting IMDb scores. This might involve specifying the data sources, the scope of prediction (pre-release or post-release), and the desired level of accuracy.

Ideate:

Brainstorm potential solutions and approaches to predicting IMDb scores. Consider various features and factors that could influence movie ratings, such as genre, cast, director, trailer views, and early critic reviews.

Prototype:

Create a prototype or a minimum viable product (MVP) of the IMDb score prediction system. This could involve developing a machine learning model that takes relevant input data and produces IMDb score estimates.

Test:

Test the prototype with real-world data and gather feedback from users and stakeholders. Evaluate the model's accuracy and adjust it as necessary. Iterate on the design to improve predictions.

Implement:

Once the IMDb score prediction model is refined and validated, integrate it into a platform or application that can provide predictions for upcoming or recently released movies.

Monitor and Iterate:

Continuously monitor the performance of the IMDb score prediction system and gather user feedback. Make improvements and updates as needed to maintain accuracy and relevance