**Problem Statement**

**Objective**

A straming company is focusing on the anime available in their portal and wants to identify the most important factors involved in rating an anime. As a data scientist, you are tasked with analyzing the portal's anime data and identifying the important factors by building a predictive model to predict the rating of an anime.

**Data Dictionary**

Each record in the database provides a description of an anime. A detailed data dictionary can be found below.

1. title: title of the anime
2. mediaType: format of publication
3. eps: number of episodes (movies are considered 1 episode)
4. duration: duration of an episode in minutes
5. startYr: the year that airing started
6. finishYr: the year that airing finished
7. description: the synopsis of the plot
8. contentWarn: content warning
9. watched: number of users that completed it
10. watching: number of users that are watching it
11. rating: average user rating
12. votes: number of votes that contribute to the rating
13. studio\_primary: studios responsible for creation
14. studios\_colab: whether there was a collaboration between studios for anime production
15. genre: genre to which the anime belongs