TMDB Box Office Prediction

- *To Predict a movie's worldwide box office revenue.*

In this dataset, we are provided with 7398 movies and a variety of metadata obtained from The Movie Database (TMDB). Movies are labeled with `id`. Data points include cast, crew, plot keywords, budget, posters, release dates, languages, production companies, and countries.

We are predicting the worldwide revenue for 4398 movies in the `test` file.

Note - many movies are remade over the years, therefore it may seem like multiple instance of a movie may appear in the data, however they are different and should be considered separate movies. In addition, some movies may share a title, but be entirely unrelated.

E.g. *The Karate Kid* (`id: 5266`) was released in 1986, while a clearly (or maybe just subjectively) inferior remake (`id: 1987`) was released in 2010. Also, while the *Frozen* (`id: 5295`) released by Disney in 2013 may be the household name, don't forget about the less-popular *Frozen* (`id: 139`) released three years earlier about skiers who are stranded on a chairlift.

This dataset has been collected from TMDB. The movie details, credits and keywords have been collected from the TMDB Open API.

The deliverables include: A GitHub repo containing the work you complete for each step of the project, including: - A slide deck -A project report