




# Analysis

Presented by: Sugandaram



A pixelated illustration of a movie camera on a tripod, with a film strip running across the frame. The camera is black with two large white reels on top. The film strip is white with black sprocket holes and runs diagonally from the top left to the bottom right. The background is a dark, pixelated purple.

I will analyze IMDB movie data using Power BI and Jupyter Notebook. First, I will clean the data using Pandas. There are some duplicate values and nan values, and I will drop both for the data. I will also take important columns ('director\_name', 'duration', 'genres', 'movie\_title', 'language', 'budget', 'imdb\_score').



Movie Genre Analysis: Analyze the distribution of movie genres and their impact on the IMDB score.

I will analyze the genre and the IMDB score. So i get the result in this tow columns most impact in the for genre in imdb score

A pixelated illustration of a movie camera on a tripod. A film strip is running through the camera, and a beam of light is projected from the front. The background is a dark, textured purple.

**Movie Duration Analysis: Analyze the distribution of movie durations and their impact on the IMDB score.**

**Duration had no impact on an IMDB score.**

A pixelated illustration of a movie camera on a tripod in a dark room. The camera is black with two large white reels on top, each with four black dots. It is mounted on a black tripod. In the background, there is a window with a grid pattern, and a beam of light from the left illuminates the wall and the camera. The overall style is retro and pixelated.

Language Analysis: Situation: Examine the distribution of movies based on their language.

Language had a little bit of an impact on the IMDB score.



## Director Analysis: Influence of Directors on Movie Ratings

The director had the greatest influence on the imdb score.



**Budget Analysis: Explore the relationship between movie budgets and their financial success.**

**Budget had a nutritional impact on the IMDB score; some high-budget movies got good iMDB scores, while some low-budget movies also got high IMDB scores.**



A pixelated illustration of a movie camera on a tripod. The camera is black with two reels on top, each with a white center and four black dots. A film strip runs horizontally across the middle of the image, with several frames visible. The background is a dark purple gradient. The text "Thank You" is overlaid on the film strip.

Thank You