

Problem Statement:

This internship project focuses on analysing animation movie data using Power BI, leveraging a dataset containing key attributes such as movie titles, user ratings, release dates, revenue, and production details. The primary objective is to gain insights into the animation movie industry, identify trends, and visualize patterns in audience preferences. Through Power BI, interns will create interactive dashboards to showcase the analysis, providing a comprehensive understanding of the animation movie landscape.

Dataset Description:

1. id: Unique identifier for each movie record.
2. title: Title of the animation movie.
3. vote_average: Average user rating for the movie.
4. vote_count: Number of votes received for the movie.
5. status: Current status of the movie (e.g., released or upcoming).
6. release_date: Date when the animation movie was released.
7. revenue: Revenue generated by the animation movie.
8. runtime: Duration of the animation movie.
9. adult: Indication of whether the movie is intended for adult audiences.
10. backdrop_path: Path to the backdrop image associated with the movie.
11. budget: Budget allocated for the production of the animation movie.
12. homepage: Website URL associated with the movie.
13. imdb_id: IMDB identifier for the movie.
14. original_language: Original language in which the movie was produced.
15. original_title: Original title of the animation movie.
16. overview: Brief overview or synopsis of the movie.
17. popularity: Popularity score of the animation movie.
18. poster_path: Path to the poster image associated with the movie.
19. tagline: Tagline associated with the movie.
20. genres: Genres to which the animation movie belongs.
21. production_companies: Companies involved in the production of the movie.
22. production_countries: Countries where the movie was produced.
23. spoken_languages: Languages spoken in the movie.

Project Objectives:

1. Data Exploration:

Problem Statement

Mentorship Internship Program



- Explore the animation movie dataset to understand the distribution of key variables.

2. Audience Preferences:

- Analyze user ratings and vote counts to identify popular animation movies.

3. Revenue Analysis:

- Examine the revenue generated by animation movies and identify top-performing titles.

4. Genre Trends:

- Explore trends in animation movie genres and identify popular genres over time.

5. Production Insights:

- Analyze production details, including budgets and production companies, to identify patterns and correlations.

Deliverables:

- Interactive Power BI dashboards showcasing animation movie trends and patterns.
- Reports on audience preferences, revenue analysis, and genre trends.
- Insights into production factors influencing animation movie success.

This project provides interns with hands-on experience in data analysis using Power BI, contributing valuable insights to the dynamic and creative field of animation movies.