**TASK TO PERFORM**

**Title:**

Movie Success Insights: Statistics, Popularity and Timing Considerations

**Team Members**

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**Project description**Welcome to "Movie Success Insights: A Deep Dive into OMDB Statistics and Timing Considerations." In this comprehensive exploration, we navigate the intricate landscape of the film industry, combining a meticulous analysis of The Ultimate Film Statistics Dataset with a focused investigation into the critical role of timing in cinematic triumphs.

**Research Questions**

1. **Movie Ratings and Trends: Sunil**
   * Question: How have movie ratings changed over the years? Are there any trends in the ratings of different genres or directors?
   * Analyse IMDb ratings or Rotten Tomatoes scores over time. Compare ratings for various genres, directors, or production companies.
2. **Genre Analysis and Popularity: Aysha**
   * Question: Which movie genres are the most popular? Is there a correlation between a movie's genre and its commercial success?
   * Explore the frequency of different genres, examine box office gross or viewer ratings by genre, and identify trends in genre popularity.
3. **Actor/Director Influence: Godswill**
   * Question: Do certain actors or directors have a significant impact on a movie's success or ratings?
   * Investigate the influence of specific actors or directors on movie ratings, box office earnings, or critical acclaim.
4. **Movie Length and Audience Preference: Ayomide**
   * Question: How does movie length affect audience reception and ratings? Are longer or shorter movies more positively received?
   * Compare movie length with IMDb ratings or audience reviews to find any correlation between duration and viewer preference.
5. **Box Office Performance and Budget Analysis: Sadek**
   * Question: Is there a relationship between a movie's budget, box office performance, and ratings?
   * Analyse budget vs. box office earnings, budget vs. ratings, and explore if high-budget films tend to have higher or lower ratings.

**Dataset to be used:**

1. **OMDB API {genre}**

**Task Breakdown**

1. **Data retrieval – OMDB (3000 movies, genres: )**
2. **Data cleaning and preprocessing**
3. Exploratory Data A
4. Visualizations
5. Final report
6. Presentation

**Github (main) ……> branch\_repo(dataset) ……> branch\_data\_cleaning…..> main …..> branch\_EDA……> branch\_diff\_analysis……> Github(main)**