High-Level Design

Entertainer Data Analysis

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Abstract

Normal life can be stressful, and people need to relax. Being entertained by others is a wonderful way to take some time out of life. It can reduce stress and make life's issues easier to face. The media and entertainment industry consists of film, television, radio, and print. These segments include movies, TV shows, radio shows, news, music, newspaper, magazine, and books. The entertainment industry is a group of sub-industry devoted to entertainment. The entertainment industry is used to describe the mass media companies that control the distribution and manufacture of mass media entertainment.

➢ **Scope:**

The aim of this project is to get some insights about entertainers and to recommend some actions based on it.

➢ **Problem Statement:**

Normal life can be stressful, and people need to relax. Being entertained by others is a wonderful way to take some time out of life. It can reduce stress and make life's issues easier to face. The media and entertainer industry consists of film, television, radio, and print. These segments include movies, TV shows, radio shows, news, music, newspaper, magazine, and books. The entertainer industry is a group of sub-industry devoted to describing the mass media companies that control the distribution and manufacture of mass media entertainment.

➢ **Tasks:**

1. In a word document write the process and data added to the current dataset.
2. In addition, mention the theme on which will be creating the dashboard.
3. Add data as per convenience.
4. Do the data preparation part.
5. Build the dashboards.
6. Build a Storyline.

➢ Tools Used:

- MS Excel is used for data preparation and cleaning.

- R is used for analysis and visualizations

➢ **Optimization:**

- No need for many optimizations for data. Because in data Entertainer's name, birth year, death year, career-changing performance, its first mega award nominee's year, etc are already given into parts.

- Some extra information like how many awards that entertainer won, total nominees, total Oscars, Emmies and Grammies, and awards from career-changing performances are added manually.

- Since there are many entertainers, we are interested in shortlisting the top 10 entertainers based on most Oscars, Emmies, and Grammies, among others. For that, we apply filters in their respective data columns so that they will look meaningful and attractive.

➢ **KPI**s (Key Performance Indicators):

- Dashboard will be implemented to display and indicate certain KPIs and relevant indicators.

- As and when the system starts to capture the historical/periodic data for a user, the dashboard will be included to display charts over time with progress on various indicators or factors.

- Key Indicators displaying top entertainers:
  - Total Nominees
  - Total Awards
  - Most Oscar
  - Most Emmies
  - Most Grammies
  - Other Awards

➢ **Deployment:**

- Any company or organization wants to analyze the data and visualize the data for better understanding. For that, companies are already using the best business intelligence technologies for better data visualization and R is one of them.

- R has various services. One can use R for making good visuals because R is free of cost, anyone can use it.