High Level Design

Entertainer Data Analysis

Author: Soumya Sandesh Manocharya

Version: 1.0

INDEX

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. Entertainment industry is a group of sub-industry devoted 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 find out who is the best entertainer, highest awards, highest breakthrough, number of awards won by entertainer throughout their life. There are two dashboards showing their awards-winning performance in different professions. Dashboards show in which year highest number of nominees, Oscar awards, Emmy awards, Grammy awards, and other awards etc. so that each and every one can analyse which entertainer is the best according to their thought process.

➢ Problem Statement:

Normal life can be stressful, and people need to relax. Being entertainer 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. Entertainer industry is a group of sub-industry devoted is used to describe the mass media companies that control the distribution and manufacture of mass media entertainment.
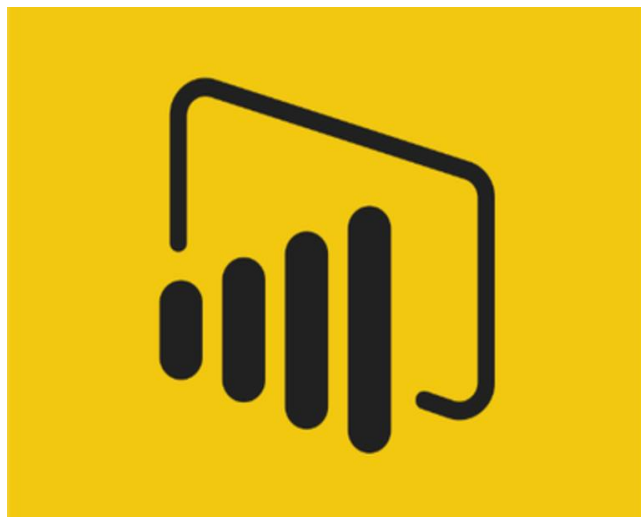
➢ Tasks:

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:**

- The Business Intelligence tools like MS Excel and Power BI for making analysis and visualization.

- MS Excel is used for data.

- Power BI is used to prepare data and make graphs and charts accordingly. Make dashboards using the charts.

➢ **Optimization:**

- No need of much optimization for data. Because in data Entertainer's name, birth year, death year, career changing performance, it's 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 performance are added manually.

- Since there are many entertainers, we are interested and shortlisting the top 10 entertainers based on most Oscars, most Emmies, most Grammies, etc. For that we apply filters in their respective data columns so that it 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
    - Awards from breakthrough (career changing performance).

➢ Deployment:

- Any company or organization wants to analyse 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 Power BI is one of them.

- Power BI has its various services. One can use Power BI for making good visuals because Power BI Desktop is free of cost, anyone can use it. It will be deployed on its own Power BI Services, from there one can see your work, dashboards etc. You can also get a sharable link for those who want to see your work.