Entertainer Data Analysis

High Level Design

Author: Aditya Amin

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, newspapers, magazines, and books. Entertainment industry is a group of sub-industries devoted to entertainment. Entertainment industry is used to describe the mass media companies that control the distribution and manufacture of mass media entertainment.

Given Tasks

➢ **Task #1** - In a word document write the process and data added to the current dataset. In addition, mention the theme on which you will be creating the dashboard.
➢ **Task #2** - You can add your data as per your convenience.
➢ **Task #3** – Do the data preparation part.
➢ **Task #4** – Build the dashboards
➢ **Task #5** – Build a Storyline

Scope

➢ My main theme is on number of awards won by entertainers throughout their life. I have made single dashboard showing their award winning performance. Dashboards show highest number of nominees, Oscar awards, Emmy awards, Grammy awards and other awards etc. so that each and every one can analyze which entertainer is the best according to their thought process.
➢ My main theme is to create dashboards on top entertainers with their highest number of awards and nominees and make visualization 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 entertainment industry consists of film, television, radio and print. These segments include movies, TV shows, radio shows, news, music, newspapers, magazines, and books. Entertainment industry is a group of sub-industries devoted to entertainment. Entertainment industry is used to describe the mass media companies that control the distribution and manufacture of mass media entertainment.

 ➢ **Task #1** - In a word document write the process and data added to the current dataset. In addition, mention the theme on which you will be creating the dashboard.
 ➢ **Task #2** - You can add your data as per your convenience.
 ➢ **Task #3** – Do the data preparation part.
 ➢ **Task #4** – Build the dashboards
 ➢ **Task #5** – Build a Storyline

General Description

 ➢ My main theme is on number of awards won by entertainers throughout their life. I have made single dashboard showing their award winning performance. Dashboards show 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.

Tools Used

➢ I have used Business Intelligence tools like MS Excel and Power BI for making analysisand visualization.
➢ MS Excel is used to make data proper and attractive view and adding some additional data into given data so that I can make visuals on it.
➢ Power BI is used to make graphs and charts according to selected data and makedashboards using the charts.

Optimization

- ➢ I don't need of that much optimization for my data because in my data Entertainer's name, birth year, death year, career changing performance, it's first mega award nominee year etc. already given into three parts.
- ➢ I added some extra informations like how many awards that entertainer won, total nominees, total Oscars, Emmies and Grammies, award from career changing performance and I added it manually from IMDB's official website (IMDB).
- ➢ So, total awards are already written in data.
- ➢ Just because there are lot number of entertainers, I only kept them up to first ten candidates i.e. top 10 entertainers, most Oscars, most emmies, most grammies etc. for that I used filter in that respective data column so that it will look meaningful and attractive.

KPIs (Key Performance Indicators)

➢ Dashboards 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 dashboards 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 Oscars
  - Most Emmies
  - Most Grammies
  - Other Awards
  - Award form breakthrough (career changing performance)

Deployment

➢ Any company or organization wants analyse data and visual data for better understating. For that, companies are already using the best business intelligence technologies for better data analysis and visualization and Power BI is one of them.
➢ Power BI has its various services. One can use Power BI desktop for making good visuals because Power BI desktop is free of cost, anyone can use it and it will deployed on its own Power BI server, from there any one can see your work, dashboards etc. You can also share the sharable link for those who want to see your work.