

Entertainer Data Analysis

High-Level Design

Author: Amrutha S M

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

Given Tasks

- 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.
- 2 - You can add your data at your convenience.
- 3 – Do the data preparation part.
- 4 – Build the dashboards
- 5 – Build a Storyline

Scope

- My main theme is on a number of awards won by entertainers throughout their life. I have made two dashboards showing the award-winning performance. Dashboards show the highest number of nominees, Oscar awards, Emmy awards, Grammy awards, and, other awards. So that each and everyone 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 a 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. The entertainment industry is a group of sub-industries devoted to entertainment. The 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

- The main theme is the number of awards won by entertainers throughout their life. I have made two dashboards showing their award-winning performance. Dashboards show the highest number of nominees, Oscar awards, Emmy awards, Grammy awards, and other awards. So that each and every analysis of which entertainer is the best according to their thought process.

Tools Used

- I have used Business Intelligence tools like MS Excel and Tableau for making analysis and visualization.
- MS Excel is used to organize and format data.
- Tableau is used to make graphs and charts according to selected data and make dashboards that give meaningful insights.

Optimization

- Not much optimization is needed for this data because Entertainer's name, birth year, death year, career, changing performance, first mega award nominee year, etc. are already given into three parts.
- Some extra information was added like how many awards the entertainer won, total nominees, total Oscars, Emmys, and Grammys, and an award from a career-changing performance, and added manually from IMDB's official website ([IMDB](https://www.imdb.com)).
- So, total awards are already written in the data.
- As there are too many entertainers, we kept only the top ten entertainers, top 10 Oscars, top 10 Emmys, top 10 Grammys, etc. for that we 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
 - Top 10 Oscars
 - Top 10 Emmys
 - Top 10 Grammys
 - Other Awards
 - Award from breakthrough

Deployment

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