

Entertainer Data Analysis

High Level Design

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Index

Sr.no	Title	Page no.
1	Abstract	2
2	Given tasks	3
3	Scope	4
4	Tools used	5
5	Optimization	6
6	KPI	7
7	Deployment	8



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

 The main theme of this project revolves around the total number of awards achieved by entertainers over the course of their careers.

I have created three dashboards.

Dashboard No. – 1


- In this dashboard, the aim is to present basic details like name, occupation, birth year, year of death, height, year of breakthrough, first breakthrough name, awards won by the entertainer in a visually appealing manner.

Dashboard No. - 2




- This dashboard presents information regarding the duration it took for an entertainer to achieve their initial breakthrough and how many years passed before they received any major award following their first breakthrough.

Dashboard No. - 3


- This dashboard displays data on the entertainer with the most nominations, their Oscar, Emmy, Grammy awards, and other accolades. It also indicates the percentage chance of winning awards of an entertainer.


 The main theme of this project is to construct a dashboard centred around the most accomplished entertainers, highlighting their extensive awards and nominations and to find out the chances of winning an award by an entertainer.

Tools used


-  I've utilized business intelligence tools such as MS Excel and Power BI to conduct analyses and create visual representations of data.
-  Microsoft Excel is employed to enhance data presentation and aesthetics while supplementing existing data with additional information. This enables the data to be rendered visually appealing and informative.
-  Power BI is employed to generate graphs and charts based on chosen data and to create dashboards using these visual representations.

Optimization

 I don't require extensive optimization for my data because the essential information, including the entertainer's name, birth year, death year, and career-defining performance, is already provided in three separate sections.

 I supplemented the existing information by including additional details such as the number of awards the entertainer has won, the total number of nominations, their achievements in Oscars, Emmys, and Grammys, as well as any awards recognizing their breakthrough performances. I manually added this information from the official IMDB website.


KPI (key performance indicator)


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

 Key Indicators displaying top entertainers:

- Total Nominees
- Total Awards
- Most Oscars
- Most Emmys
- Most Grammys
- Other Awards

Deployment

 Every company or organization seeks to analyse and visually represent data to gain a deeper understanding. To achieve this goal, companies are currently using business intelligence technologies for enhanced data analysis and visualization, with Power BI being a prominent choice among these tools.

 Power BI offers a range of services. Power BI Public, which is free to use and is useful for creating high-quality visuals. Additionally, you have the option to share a shareable link with those interested in viewing your work.