ENTERTAINER DATA ANALYSIS

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AGENDA

Introduction

Given Tasks

Data Preparation

Dashboards

Analysis

INTRODUCTION

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, TC shows, radio shows, news, music, newspaper, 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.

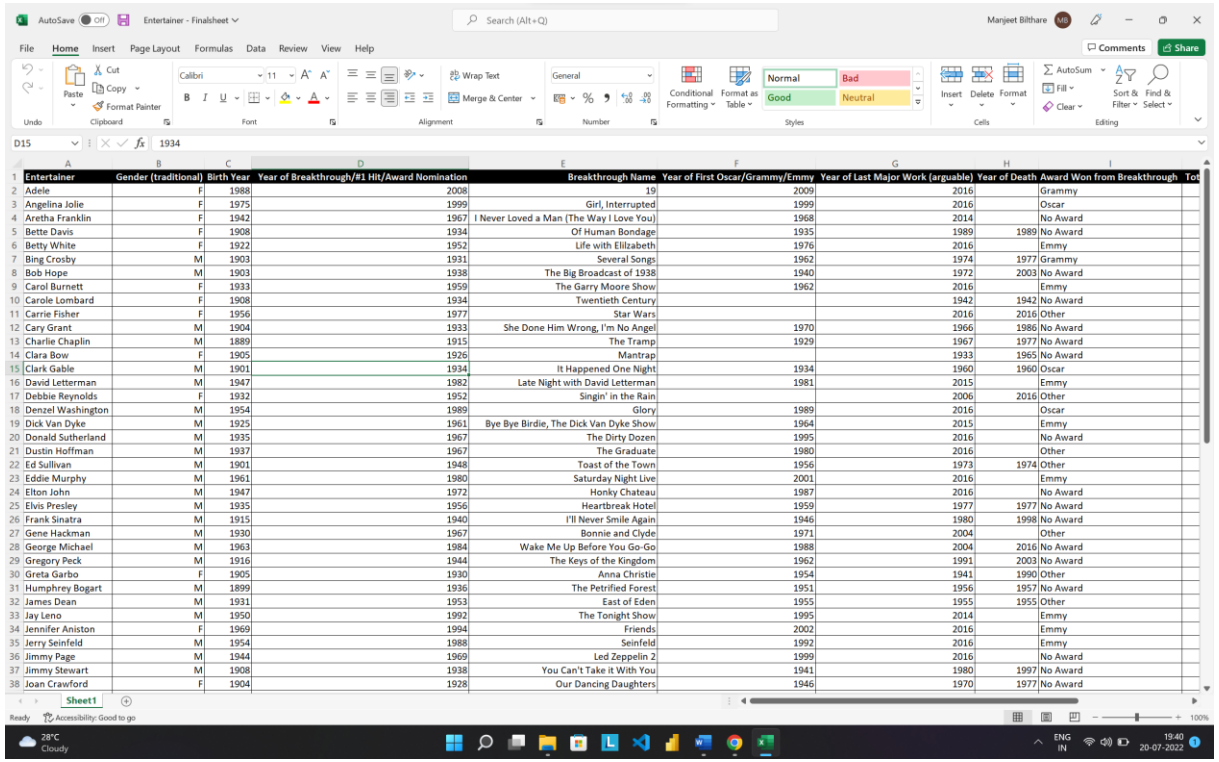
GIVEN TASKS

- Write the process and data added to the current dataset. In addition, mention the theme on which you will be creating the dashboard.
- You can add your data as per your convenience.
- Do the data preparation part.
- Build the dashboards.
- Build a Storyline.

DATA PREPARATION

- Data was provided into three parts in excel format which were Entertainer - Basic Info, Entertainer – Breakthrough Info and Entertainer – Last work Info.
- Basic Info includes name, gender and birth year of entertainer.
- Breakthrough Info includes year of breakthrough/#1 hit/award nomination, breakthrough name, year of first Oscar/Grammy/Emmy along with name of entertainers.
- Last work Info includes last major work (arguable), year of death (if they are) along with name of entertainers.
- As the data was in three different excel sheet, I combined them into one single sheet namely Entertainer Final sheet. As the data was not enough sufficient to do analysis, I added some external information like awards they won, nominees etc. through different online sources like IMDb.

Final data sheet after combining



Entertainer	Gender (traditional)	Birth Year	Year of Breakthrough/#1 Hit/Award Nomination	Breakthrough Name	Year of First Oscar/Grammy/Emmy	Year of Last Major Work (arguable)	Year of Death	Award Won from Breakthrough	Tot
Adele	F	1988	2008	19	2009	2016		Grammy	
Angelina Jolie	F	1975	1999	Girl, Interrupted	1999	2016		Oscar	
Aretha Franklin	F	1942	1967	I Never Loved a Man (The Way I Love You)	1968	2014		No Award	
Bette Davis	F	1908	1934	Of Human Bondage	1935	1989	1989	No Award	
Betty White	F	1922	1952	Life with Elizabeth	1976	2016		Emmy	
Bing Crosby	M	1903	1931	Several Songs	1962	1974	1977	Grammy	
Bob Hope	M	1903	1938	The Big Broadcast of 1938	1940	1972	2003	No Award	
Carol Burnett	F	1933	1959	The Garry Moore Show	1962	2016		Emmy	
Carole Lombard	F	1908	1934	Twentieth Century		1942	1942	No Award	
Carrie Fisher	F	1956	1977	Star Wars		2016	2016	Other	
Cary Grant	M	1904	1933	She Done Him Wrong, I'm No Angel	1970	1966	1986	No Award	
Charlie Chaplin	M	1889	1915	The Tramp	1929	1967	1977	No Award	
Clara Bow	F	1905	1926	Mantrap		1933	1965	No Award	
Clark Gable	M	1901	1934	It Happened One Night	1934	1960	1960	Oscar	
David Letterman	M	1947	1982	Late Night with David Letterman	1981	2015		Emmy	
Debbie Reynolds	F	1932	1952	Singin' in the Rain		2006	2016	Other	
Denzel Washington	M	1954	1989	Glory	1989	2016		Oscar	
Dick Van Dyke	M	1925	1961	Bye Bye Birdie, The Dick Van Dyke Show	1964	2015		Emmy	
Donald Sutherland	M	1935	1967	The Dirty Dozen	1995	2016		No Award	
Dustin Hoffman	M	1937	1967	The Graduate	1980	2016		Other	
Ed Sullivan	M	1901	1948	Toast of the Town	1956	1973	1974	Other	
Eddie Murphy	M	1961	1980	Saturday Night Live	2001	2016		Emmy	
Elton John	M	1947	1972	Honky Chateau	1987	2016		No Award	
Elvis Presley	M	1935	1956	Heartbreak Hotel	1959	1977	1977	No Award	
Frank Sinatra	M	1915	1940	I'll Never Smile Again	1946	1980	1998	No Award	
Gene Hackman	M	1930	1967	Bonnie and Clyde	1971	2004		Other	
George Michael	M	1963	1984	Wake Me Up Before You Go-Go	1988	2004	2016	No Award	
Gregory Peck	M	1916	1944	The Keys of the Kingdom	1962	1991	2003	No Award	
Greta Garbo	F	1905	1930	Anna Christie	1954	1941	1990	Other	
Humphrey Bogart	M	1899	1936	The Petrified Forest	1951	1956	1957	No Award	
James Dean	M	1931	1953	East of Eden	1955	1955	1955	Other	
Jay Leno	M	1950	1992	The Tonight Show	1995	2014		Emmy	
Jennifer Aniston	F	1969	1994	Friends	2002	2016		Emmy	
Jerry Seinfeld	M	1954	1988	Seinfeld	1992	2016		Emmy	
Jimmy Page	M	1944	1969	Led Zeppelin 2	1999	2016		No Award	
Jimmy Stewart	M	1908	1938	You Can't Take it With You	1941	1980	1997	No Award	
Joan Crawford	F	1904	1928	Our Dancing Daughters	1946	1970	1977	No Award	

DATA DESCRIPTION

- Entertainer – Name of the Entertainer
- Gender – Gender of the Entertainer
- Birth year – Birth Year of the Entertainer
- Year of Breakthrough/#1 hit/ Award Nomination
- Breakthrough Name – Name of the breakthrough (Movie/Tv show/ album).
- Year of first Oscar/Grammy/Emmy
- Year of last major work
- Year of death
- Award won from breakthrough
- Total Awards won
- Total Nominees
- Profession – Singer/Actor
- Oscar won – Total number of Oscars won
- Grammy Won – Total number of Grammy won
- Emmy Won – Total number of Emmy won
- Other awards = Total number of other awards apart from Oscar, Grammy, Emmy.

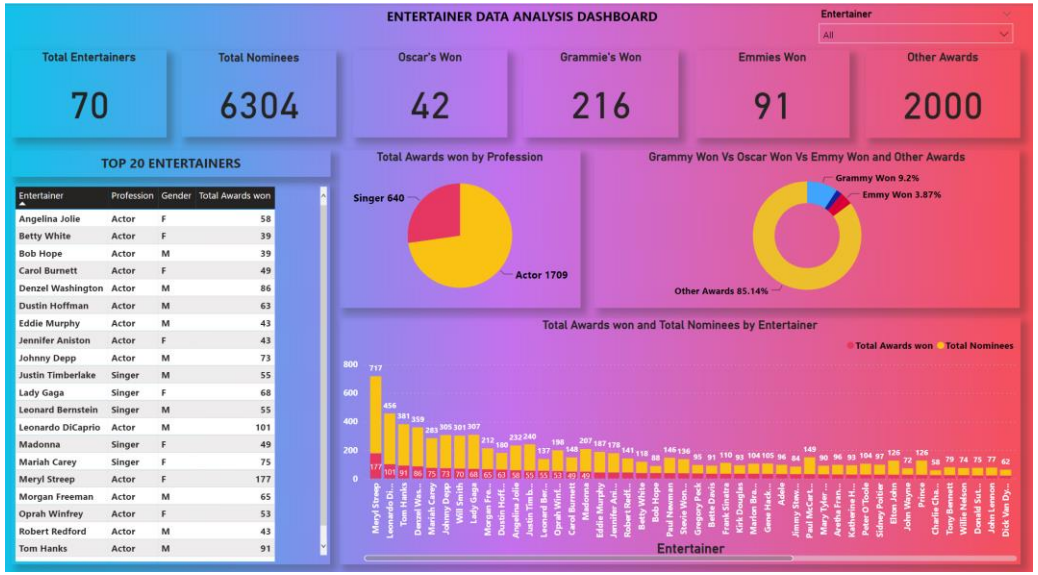
TOOLS USED

Used for Data Preparation, Data Pre – Processing.

Used for building visuals and dashboards.

DASHBOARD 1

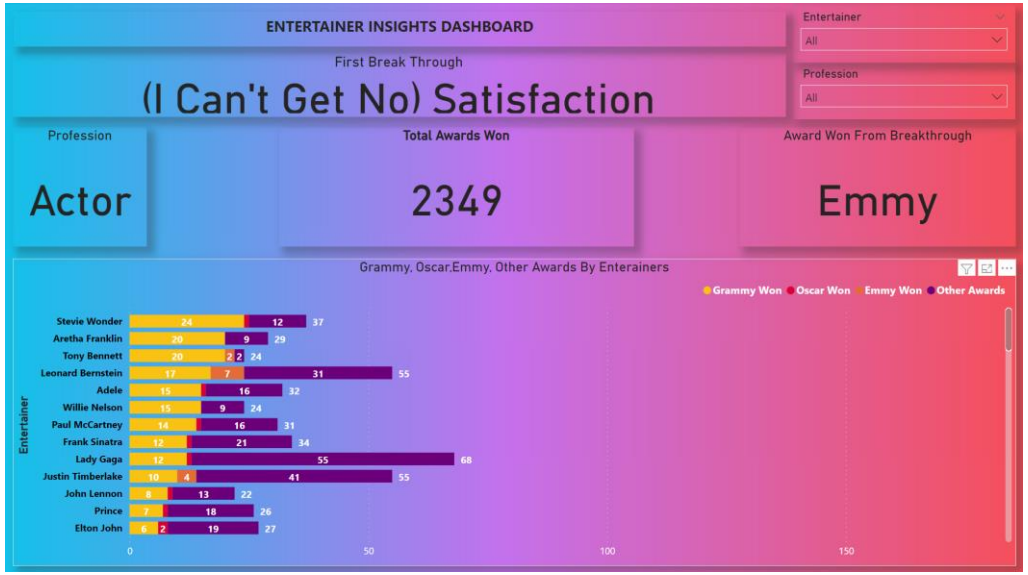
THEME - TOP 20ENTERTAINERS WITH MOST AWARDS



- Top 20 Entertainers and overall insights are shown in this Dashboard.
- This dashboard also comprises of other visual as well which will help us to understand the data better.
- The Table shows top 20 entertainers of all time. It shows the total number of awards they have won.
- The stacked Column chart shows the total number nominees for an artists and awards won by the artists. Yellow bar are total nominees and red bar are awards won.
- The pie chart shows the number of awards won by profession (Singers and Actors).
- The donut shows the distribution of the awards won in the form of percentages. Awards include are Grammy, Emmy, Oscars and other awards.

DASHBOARD 2

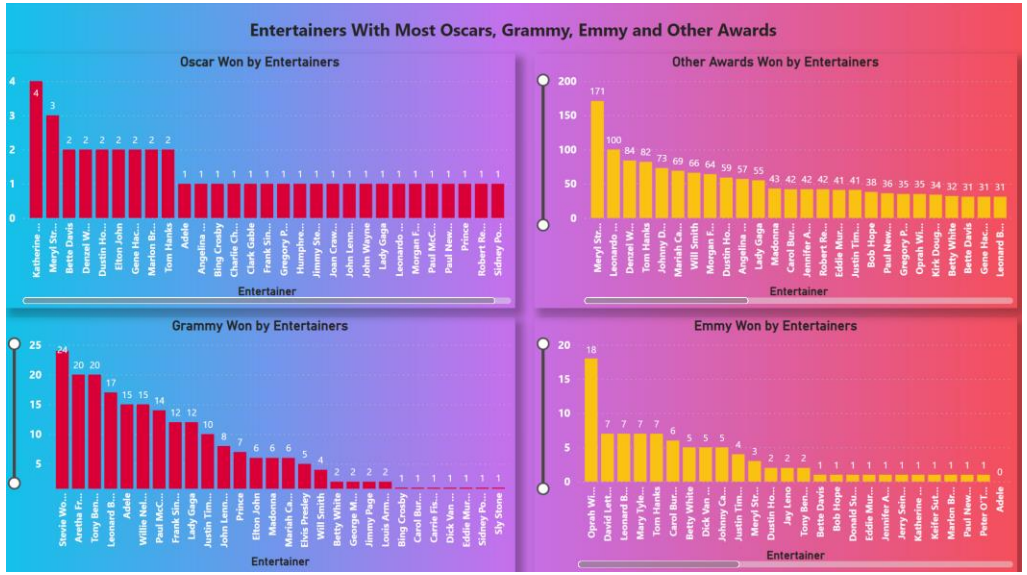
THEME - INDIVIDUAL ENTERTAINER ANALYSIS



- This dashboard gives in-depth insights of an individual entertainers. You can select the Artist form the slicer and the all the information of that artist such his/her first breakthrough, Profession, Total Awards Won will be displayed and one can get in-depth insights of the entertainers.

DASHBOARD 3

THEME - ENTERTAINERS WITH MOST OSCARS, GRAMMY, EMMY AND OTHER AWARDS.



- This final dashboard shows the Entertainers with the most Oscars, Grammy, Emmy and Other Awards.

KEY ANALYSIS

1. Merry Streep is the best entertainer with 177 total awards including 3 Oscars and 3 Emmie's.
2. There are very less entertainers who won awards from their breakthrough
3. Most of the entertainers are from actor's category.
4. Katherine Hepburn has won highest number of Oscars (4).

   Oprah Winfrey has won highest numbers of Emmie's
5. Steve Wonder has highest number of awards including 24 Grammys and 1 Oscar.

THANK YOU