

Entertainer data analysis

Low Level Design

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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 consist 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

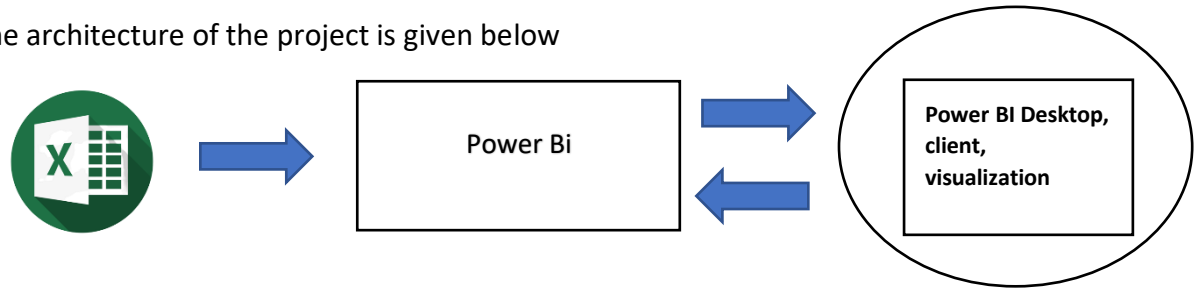
- **Task #1** - In a word document write the process and data added to the current dataset. In addition, mention the theme on which you will be creating the dashboard.
- **Task #2** - You can add your data as per your convenience.
- **Task #3** – Do the data preparation part.
- **Task #4** – Build the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

Scope

- My main theme is on number of awards won by entertainers throughout their life. I have made two dashboards 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.

Architecture

- The architecture of the project is given below



- Our Entire data source is our excel file and through power bi we can access the data
- Power BI has many architecture component
- The screen of the power BI Desktop ,charts and dashboards are present at client side
- The client can select the graphs according to his/her preference and then add the data to the graph to get the data in a visualized format
- If the client is not satisfied with the result he/she can choose the graph accordingly otherwise make changes to the graph to get the required result

Data Description

- Data was given into three parts in excel file which are 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.
- Glimpse of Entertainer – Basic Info:

Entertainer	Gender (traditional)	Birth Year
Adele	F	1988
Angelina Jolie	F	1975
Aretha Franklin	F	1942
Bette Davis	F	1908
Betty White	F	1922
Bing Crosby	M	1903
Bob Hope	M	1903
Carol Burnett	F	1933
Carole Lombard	F	1908
Carmie Fisher	F	1906
Cary Grant	M	1904
Charlie Chaplin	M	1889
Clara Bow	F	1905
Clark Gable	M	1901
David Letterman	M	1947
Debbie Reynolds	F	1932
Denzel Washington	M	1954
Dick Van Dyke	M	1925
Donald Sutherland	M	1935
Dustin Hoffman	M	1937
Ed Sullivan	M	1901
Eddie Murphy	M	1961
Elton John	M	1947
Elvis Presley	M	1935
Frank Sinatra	M	1915
Gene Hackman	M	1930
George Michael	M	1963
Gregory Peck	M	1916
Greta Garbo	F	1905
Humphrey Bogart	M	1899
James Dean	M	1931
Jay Leno	M	1950
Jennifer Aniston	F	1969
Jerry Seinfeld	M	1954
Jimmy Page	M	1944
Jimmy Stewart	M	1908
Joan Crawford	F	1904
John Lennon	M	1940
John Wayne	M	1907

- Glimpse of Entertainer – Breakthrough Info:

Entertainer	Year of Breakthrough/#1 Hit/Award Nomination	Breakthrough Name	Year of First Oscar/Grammy/Emmy
Adele	2008	19	2009
Angelina Jolie	1999	Girl, Interrupted	1999
Aretha Franklin	1967	I Never Loved a Man (The Way I Love You)	1968
Bette Davis	1934	Of Human Bondage	1935
Betty White	1952	Life with Elizabeth	1976
Bing Crosby	1931	Several Songs	1962
Bob Hope	1938	The Big Broadcast of 1938	1940
Carol Burnett	1959	The Garry Moore Show	1962
Carole Lombard	1934	Twentieth Century	
Carmie Fisher	1977	Star Wars	
Cary Grant	1933	She Done Him Wrong, I'm No Angel	1970
Charlie Chaplin	1915	The Tramp	1929
Clara Bow	1926	Marriage	
Clark Gable	1934	It Happened One Night	1934
David Letterman	1982	Late Night with David Letterman	1981
Debbie Reynolds	1952	Singin' in the Rain	
Denzel Washington	1989	Glory	1989
Dick Van Dyke	1961	Bye Bye Birdie, The Dick Van Dyke Show	1964
Donald Sutherland	1967	The Dirty Dozen	1995
Dustin Hoffman	1967	The Graduate	1960
Ed Sullivan	1948	Toast of the Town	1956
Eddie Murphy	1980	Saturday Night Live	2001
Elton John	1972	Honky Chateau	1987
Elvis Presley	1956	Heartbreak Hotel	1959
Frank Sinatra	1940	I'll Never Smile Again	1946
Gene Hackman	1967	Bonnie and Clyde	1971
George Michael	1984	Wake Me Up Before You Go-Go	1988
Gregory Peck	1944	The Keys of the Kingdom	1962
Greta Garbo	1930	Anna Christie	1954
Humphrey Bogart	1936	The Petrified Forest	1951
James Dean	1955	East of Eden	1955
Jay Leno	1992	The Tonight Show	1995
Jennifer Aniston	1994	Friends	2002
Jerry Seinfeld	1988	Seinfeld	1992
Jimmy Page	1969	Led Zeppelin 2	1999
Jimmy Stewart	1938	You Can't Take It With You	1941
Joan Crawford	1928	Our Dancing Daughters	1946
John Lennon	1963	I Want to Hold Your Hand	1965
John Wayne	1939	Stagecoach	1970

➤ Glimpse of Entertainer – Last work Info

Entertainer	Year of Last Major Work (arguable)	Year of Death
Adele	2016	
Angelina Jolie	2016	
Annette Franklin	2014	
Bette Davis	1989	1989
Betty White	2016	
Bing Crosby	1974	1977
Bob Hope	1972	2003
Carol Burnett	2016	
Carole Lombard	1942	1942
Carrie Fisher	2016	2016
Cary Grant	1966	1986
Charlie Chaplin	1967	1977
Clara Bow	1933	1965
Clark Gable	1960	1960
David Letterman	2015	
Debbie Reynolds	2006	2016
Denzel Washington	2016	
Dick Van Dyke	2013	
Donald Sutherland	2016	
Dustin Hoffman	2016	
Ed Sullivan	1973	1974
Eddie Murphy	2016	
Elton John	2016	
Elvis Presley	1977	1977
Frank Sinatra	1980	1998
Gene Hackman	2004	
George Michael	2004	2016
Gregory Peck	1991	2003
Greta Garbo	1941	1990
Humphrey Bogart	1956	1957
James Dean	1955	1955
Jay Leno	2014	
Jennifer Aniston	2016	
Jerry Seinfeld	2016	
Jimmy Page	2016	
Jimmy Stewart	1980	1997
Joan Crawford	1970	1977
John Lennon	1980	1980
John Wayne	1976	1979

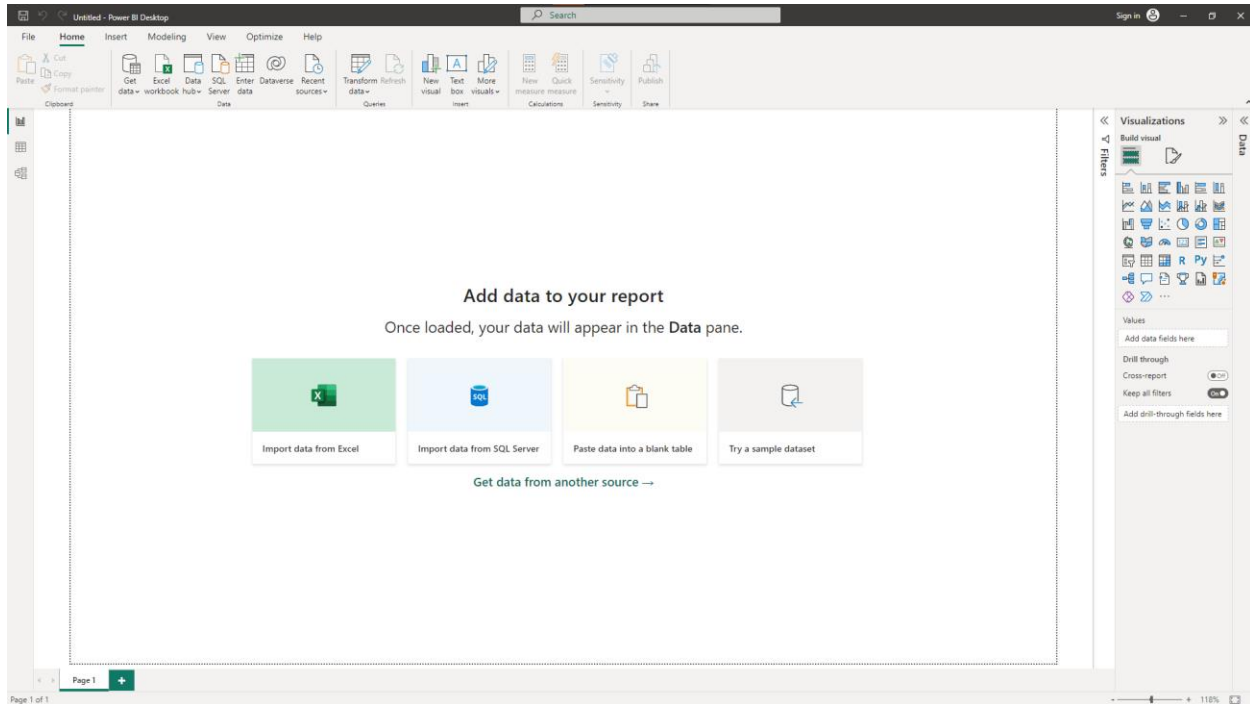
- After this, I combined this data into one sheet named Entertainer – Final, but this data isn't sufficient to do analysis and make dashboard on it. For this, I have added some external information like awards they won, nominees etc. from IMDB's official website ([IMDB](https://www.imdb.com/)).
- After some processing data looks like this:

Year of Death	Award won from breakthrough	Total Awards	Total Nominees	Profession	Oscar won	Grammy won	Emmy Won	Other Awards
32	64 Singer	1	15	0	16			
58	174 Actor	1	0	0	57			
29	67 Singer	0	20	0	9			
34	57 Actor	2	0	1	31			
39	79 Actor	0	2	5	32			
18	27 Singer	1	1	0	16			
39	49 Actor	0	0	1	38			
49	99 Actor	0	1	6	42			
1	2 Actor	0	0	0	1			
7	27 Actor	0	1	0	6			
12	34 Actor	0	0	0	12			
24	34 Actor	1	0	0	23			
1	1 Actor	0	0	0	1			
4	10 Actor	1	0	0	3			
20	98 Actor	0	0	7	13			
20	57 Actor	0	0	0	20			
86	273 Actor	2	0	0	84			
21	41 Actor	0	1	5	15			
22	53 Actor	0	0	1	21			
63	117 Actor	2	0	2	59			
3	3 Actor	0	0	0	3			
43	144 Actor	0	1	1	41			
27	99 Singer	2	6	0	19			
12	29 Singer	0	5	0	7			
34	76 Singer	1	12	0	21			
33	72 Actor	2	0	0	31			
6	23 Singer	0	2	0	4			
36	59 Actor	1	0	0	35			
11	17 Actor	0	0	0	11			
6	19 Actor	1	0	0	5			
7	11 Actor	0	0	0	7			
6	33 Actor	0	0	2	4			
43	135 Actor	0	0	1	42			
20	67 Actor	0	0	1	19			
3	7 Singer	0	2	0	1			
31	53 Actor	1	0	0	30			
12	20 Actor	1	0	0	11			
22	55 Singer	1	8	0	13			
27	45 Actor	1	0	0	26			

- **Entertainer:** Name of the entertainer.
- **Gender (traditional):** Gender of that entertainer
- **Birth Year:** Birth year of that entertainer
- **Year of Breakthrough/#1 hit/Award Nomination:** Here, breakthrough means super hit or career changing performance. Column shows year of breakthrough
- **Breakthrough Name:** Name of breakthrough. It can be either musical album or TV show or movie.
- **Year of first Oscar/Grammy/Emmy:** Year if first mega award they won.
- **Year of Last Major Work (arguable):** Last major show or movie or album. You can also say last appearance.
- **Year of Death:** Entertainer's year of death, if they die.
- **Award won from Breakthrough:** Any award/s from breakthrough. I only wrote mega awards they won in this column. If they had other awards for breakthrough, I wrote "other", if they haven't, I wrote "No Award". If they have mega award, I wrote that award name.
- **Total Awards Won:** Total awards that entertainer won throughout.
- **Total Nominees:** Total nominees for they have chosen for award.
- **Profession:** Category of entertainer either singer or actor. Pop stars and dancers are included in singer and TV hosts and TV actors are included in actors.
- **Oscar won:** Number of total Oscar awards they won.
- **Grammy won:** Number of total Grammy awards they won.
- **Emmy won:** Number of total Emmy awards they won.
- **Other Awards:** Number of other awards they won apart from Oscar, Grammy and Emmy.

Connect data with power bi and deployment:

- First open power bi the power bi interface looks like this the first screen will ask you to add data from the file which you have like MS Excel, SQL Server, csv files etc.



- Make sure internet connection is connected well while working with power bi, otherwise it will show the error.
- After completion of work, you can simply press ctrl + s or save it from file menu. And you can then publish it on power bi server.