

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

 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

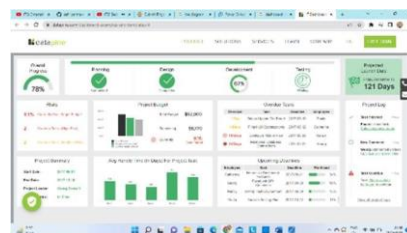
- This dashboard presents information regarding the duration it took for an entertainer to achieve their initial breakthrough and how many years passed before they received any major award following their first breakthrough.

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.

➔ Architecture



➔ The architecture of the project is shown above.

➔ Our entire data source is our excel file. This excel file is connected to the power BI server. From the server, data can be shown and accessed.

➔ Here we use power BI desktop.

➔ Client entered the query to show the graph, after selecting the data in form of rows and columns it will go inside the power BI server. In power BI server, it understands the query and generates best recommended chart based on selected data and return it into the power BI desktop screen.

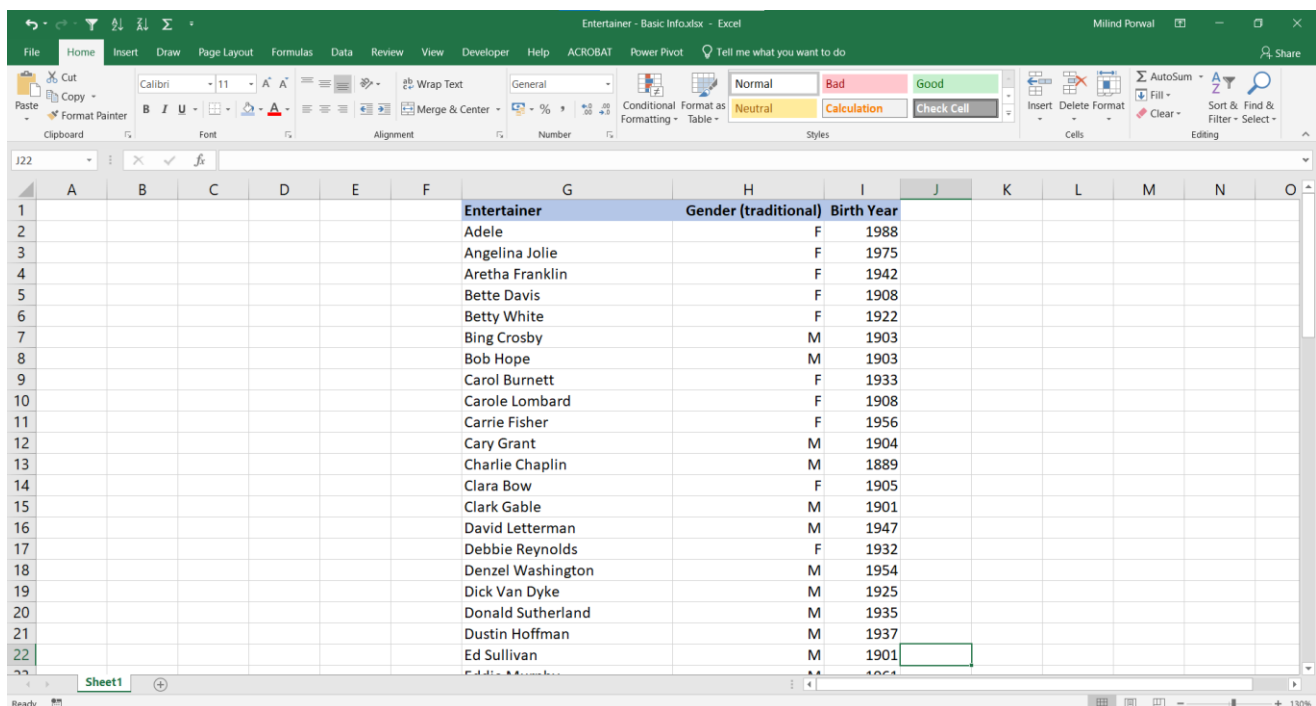
➔ Data Description

➔ For Entertainer Data analysis three excel files are given

- Basic Info
- Entertainer – Breakthrough Info
- Entertainer – Last work Info

- Basic info includes
 - Name of Entertainer
 - Gender
 - Birth year

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
Carrie Fisher	F	1956
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

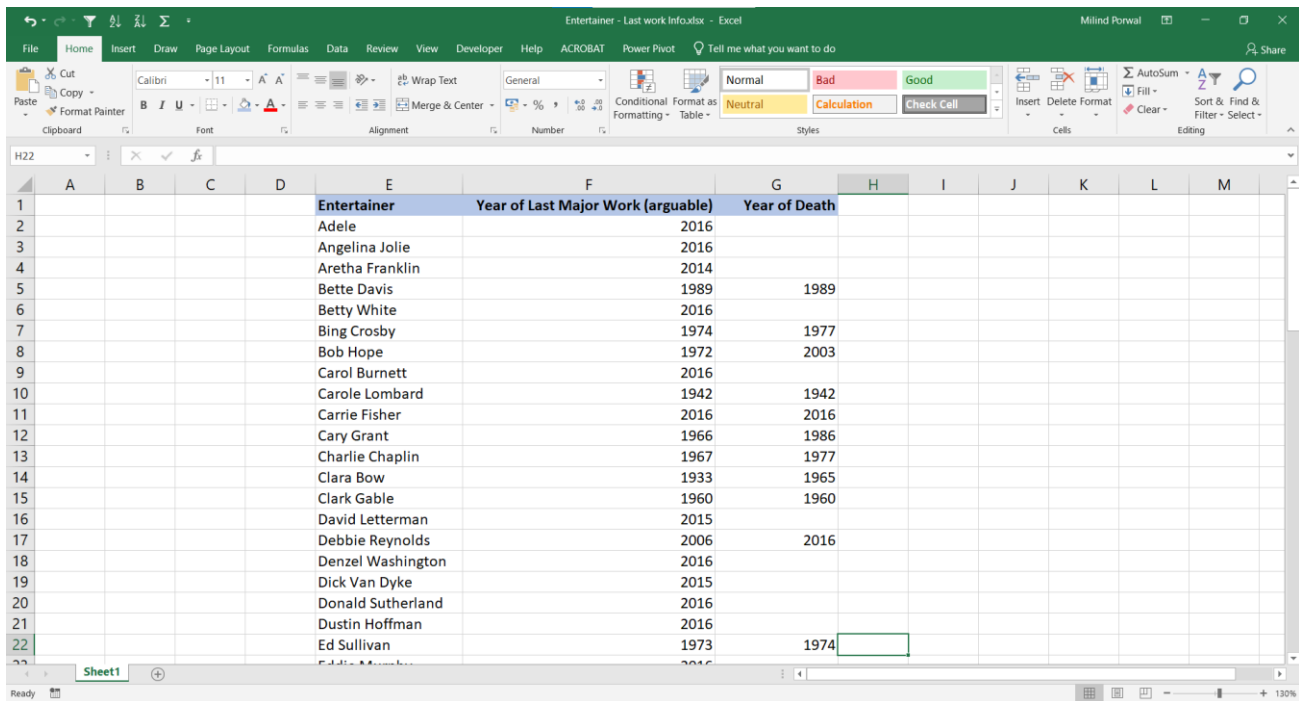
- Entertainer – Breakthrough Info includes
 - Name of Entertainer
 - Year of Breakthrough
 - Breakthrough name
 - Year of first renowned award

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	
Carrie 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	Mantrap	
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	1980
Ed Sullivan	1948	Toast of the Town	1956

- Entertainer – Last work Info includes
 - Name of Entertainer
 - Year of last major work
 - Year of Death

Glimpse of Entertainer – Last Work Info:



Entertainer	Year of Last Major Work (arguable)	Year of Death
Adele	2016	
Angelina Jolie	2016	
Aretha 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	2015	
Donald Sutherland	2016	
Dustin Hoffman	2016	
Ed Sullivan	1973	1974

➤ After this, I combined this data into one sheet named it as Entertainer Data Analysis – Final, but this data is not sufficient to do the analysis and make dashboard on it. For this, I have to add some external information like awards they won, nominees etc.

➤ After adding data and some processing data looks like this:

Breakthrough Name	Year of First Oscar/Grammy/Emmy	Year of Last Major Work (arguable)	Year of Death	Occupation	Win_Any_Famous_Award	Total_Nominations	Total_Awards	Oscar_won	Grammy_Won	Emmy_won
19	2009	2016	Alive	Singer	Grammy	74	46	1	16	0
Girl, Interrupted	1999	2016	Alive	Actress	Oscar	117	60	2	0	0
I Never Loved a Man (The Way I Love You)	1968	2014	Alive	Singer	Grammy	44	28	0	18	0
Of Human Bondage	1935	1989	1989	Actress	Oscar	24	35	2	0	1
Life with Elizabeth	1976	2016	Alive	Actress	Emmy	40	41	0	8	5
Several Songs	1962	1974	1977	Singer	Oscar	14	19	1	1	0
The Big Broadcast of 1938	1940	1972	2003	Comedian	Special Achievement Award	10	39	5	0	0
The Garry Moore Show	1962	2016	Alive	Actress	Outstanding Performance	56	49	0	1	6
Twentieth Century	1937	1942	1942	Actress	Star on the Walk of Fame	1	1	1	0	0
Star Wars	2018	2016	2016	Actress	Grammy	20	9	0	1	0
She Done Him Wrong, I'm No Angel	1970	1966	1986	Actor	Oscar	22	12	1	0	0
The Tramp	1929	1967	1977	Comedian	Oscar	11	26	3	0	0
Mantrap	1927	1933	1965	Actress	Oscar	29	1	1	0	0
It Happened One Night	1934	1960	1960	Actor	Oscar	6	4	1	0	0
Late Night with David Letterman	1981	2015	Alive	Host	Academy Award	78	21	0	0	6
Singin' in the Rain	1965	2006	2016	Actress	Actors Guild Life Achievement	38	20	1	0	2
Glory	1989	2016	Alive	Actor	Oscar	209	87	2	0	0
Bye Bye Birdie, The Dick Van Dyke Show	1964	2015	Alive	Actor	Grammy	22	19	0	0	5
The Dirty Dozen	1995	2016	Alive	Actor	Golden Globe Awards	32	20	1	0	0
The Graduate	1980	2016	Alive	Actor	Oscar	53	66	2	0	1
Toast of the Town	1956	1973	1974	Host	Golden Globe Awards	37	161	1	0	1
Saturday Night Live	2001	2016	Alive	Actor	Emmy	102	44	0	1	1
Honky Chateau	1987	2016	Alive	Singer	Grammy	90	34	2	6	0
Heartbreak Hotel	1959	1977	1977	Singer	Grammy	20	15	0	5	0
I'll Never Smile Again	1946	1980	1998	Singer	Grammy	45	33	3	12	0
Bonnie and Clyde	1971	2004	Alive	Actor	Oscar	39	33	2	0	0
Wake Me Up Before You Go-Go	1988	2004	2016	Singer	Grammy	23	11	0	2	0
The Keys of the Kingdom	1962	1991	2003	Actor	Oscar	23	36	2	0	0

Connect data with power BI & Deployment

- First of all, open power BI desktop in your desktop. At first connect all the excel files with the power BI desktop
- Now try to make interactive and beautiful dashboard which tells some insight that we cannot find in raw excel files.
- Now to publish this dashboard connect power BI desktop with power BI service. Here we have to create a workbook and publish the dashboard that we have created inside the power BI desktop