Entertainer Data Analysis

LOW level language

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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. 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

Dashboard No - 1

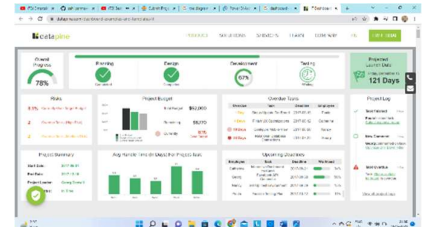IT show the how many year a Entertainer Takes to get first breakthrough

And after how many years he get his first award after first breakthrough and some basic information. About his film and year of birth

Dashboard No - 2

This dashboard shows highest number of nominees, Oscar award, Emmy award, Grammy awards and other awards etc. It also shows the what is the percentage of chances to get awards.

My main theme is to create dashboard on top entertainer with their highest number of awards and nominees and find out what is the chance of getting an award. my aim is to make visualization on it

➡️ Architecture

▶ The Architecture of entire 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 generate 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 movie name
  - ➢ Year of first mega 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 Elilzabeth	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 – Basic 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 Entertainer – Final, but this data isn't sufficient to do analysis and make dashboard on it. for this, I have to added some external information like awards they won, nominees etc.

▶ After some processing data looks like this:

Year of Last Major Work (arguable)	Year of Death	Award Won from Breakthrough	Total Awards won	Total Nominees	Profession	Oscar Won	Grammy Won	Emmy Won	Other Awards
2016		Grammy	32	64	Singer	1	15	0	16
2016		Oscar	58	174	Actor	1	0	0	57
2014		No Award	29	67	Singer	0	20	0	9
1989	1989	No Award	34	57	Actor	2	0	1	31
2016		Emmy	39	79	Actor	0	2	5	32
1974	1977	Grammy	18	27	Singer	1	1	0	16
1972	2003	No Award	39	49	Actor	0	0	1	38
2016		Emmy	49	99	Actor	0	1	6	42
1942	1942	No Award	1	2	Actor	0	0	0	1
2016	2016	Other	7	27	Actor	0	1	0	6
1966	1986	No Award	12	34	Actor	0	0	0	12
1967	1977	No Award	24	34	Actor	1	0	0	23
1933	1965	No Award	1	1	Actor	0	0	0	1
1960	1960	Oscar	4	10	Actor	1	0	0	3
2015		Emmy	20	98	Actor	0	0	7	13
2006	2016	Other	20	57	Actor	0	0	0	20
2016		Oscar	86	273	Actor	2	0	0	84
2015		Emmy	21	41	Actor	0	1	5	15
2016		No Award	22	53	Actor	0	0	1	21
2016		Other	63	117	Actor	2	0	2	59
1973	1974	Other	3	3	Actor	0	0	0	3

➡️ 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