

Project Title – Entertainer Data Analysis

Domain – Film and Entertainment

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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, 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 –

- Task #1 - In a word document write the process and data added to the current dataset.
- 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 my dashboards is number of awards won by entertainers throughout their life-time. I have created 3 dashboards showing their award-winning performances. Dashboards show highest number of nominees, Oscar, Emmy, Grammy and other awards Won. So, we can analyze which entertainer is the best according to the data provided.
- My main theme is to create 3 dashboards: Dashboard 1 – shows Top 10 all-time entertainer's along with total nominees. Dashboard 2 – Gives insights of an individual entertainers and Dashboard 3 – Gives insights about the different Awards won by the entertainers.

Architecture Design

- The Architecture Design of the entire project is shown below



**Power Bi Desktop, Client, Visualization,
Dashboards.**

- The Entire data source is our excel file. This excel file is connected to the Power Bi Desktop from which data can be accessed and processed.
- Power Bi Desktop has various architectural components which can help us to analyze the data and create dashboards and reports.
- Screen of Power Bi Desktop, and various charts and dashboards are present at the client side from Power Bi Service.
- One can use Power Query Editor to process, Clean the Data and then use the Data to create informative Dashboards and reports.
- If client is not satisfied with the result, he/she has to select data accordingly otherwise make required changes to show the expected result.

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.
- Basic Info Excel sheet:

Entertainer	Gender (traditional)	Birth Year
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- Breakthrough Info Excel sheet:

A	B	C	D
Artist	Year of Breakthrough/#1 Hit/Award Nomination	Breakthrough Name	Year of First Oscar/Grammy/Emmy
1	Entertainer		
2	Adele	2008	19
3	Angelina Jolie	1999	1999
4	Aretha Franklin	1967	1968
5	Betty Davis	1934	1935
6	Betty White	1952	1976
7	Bing Crosby	1931	1962
8	Bob Hope	1938	1940
9	Carol Burnett	1959	1962
10	Carole Lombard	1934	1934
11	Carrie Fisher	1977	1977
12	Cary Grant	1933	1970
13	Charlie Chaplin	1915	1929
14	Clara Bow	1926	1926
15	Clark Gable	1934	1934
16	David Letterman	1982	1981
17	Debbie Reynolds	1952	1952
18	Denzel Washington	1989	1989
19	Dick Van Dyke	1961	1964
20	Donald Sutherland	1967	1967
21	Dustin Hoffman	1967	1967
22	Ed Sullivan	1948	1956
23	Eddie Murphy	1980	2001
24	Elton John	1972	1987
25	Elvis Presley	1956	1959
26	Frank Sinatra	1940	1946
27	Gene Hackman	1967	1971
28	George Michael	1984	1988
29	Gregory Peck	1944	1962
30	Greta Garbo	1930	1954
31	Humphrey Bogart	1936	1951
32	James Dean	1953	1955
33	Jay Leno	1992	1995
34	Jennifer Aniston	1994	2002
35	Jerry Seinfeld	1988	1992
36	Jimmy Page	1969	1999
37	Jimmy Stewart	1938	1941
38	Joan Crawford	1928	1946

- Last work Info Excel sheet:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
49	Leonardo DiCaprio	2016																		
50	Louis Armstrong	1970	1971																	
51	Madonna	2015																		
52	Mariah Carey	2014																		
53	Marlon Brando	2001	2004																	
54	Mary Tyler Moore	2013																		
55	Meryl Streep	2016																		
56	Mick Jagger	2016																		
57	Morgan Freeman	2016																		
58	Oprah Winfrey	2016																		
59	Paul McCartney	2016																		
60	Paul Newman	2005	2008																	
61	Peter O'Toole	2013	2016																	
62	Prince	2016																		
63	Robert Redford	2016																		
64	Sidney Poitier	2008																		
65	Sly Stone	1971																		
66	Stevie Wonder	2005																		
67	Tom Hanks	2016																		
68	Tony Bennett	2016																		
69	Wayne Newton	2016																		
70	Will Smith	2016																		
71	Willie Nelson	2016																		

- 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.
- Processed data –

File

Home

Insert

Page Layout

Formulas

Data

Review

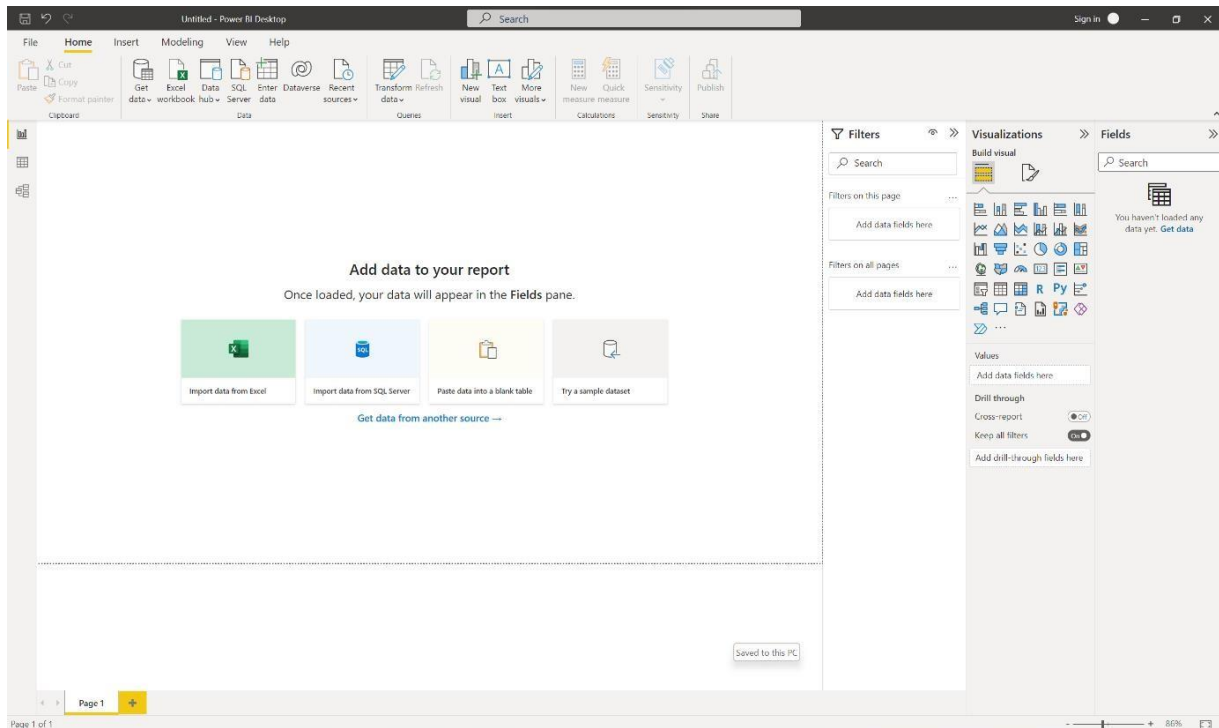
Help

Columns Names –

- 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
- Age
- Image url
- 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.

Importing Data in Power Bi Desktop for Creating Dashboards –

- After Downloading and installing Power Bi Desktop on your system, open the Power Bi Desktop.
- User-interface of Power Bi Desktop



- You can import your data by clicking on Get Data. You'll get option to import the data.
- This is where you can make amazing dashboards and reports.