

**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 –**

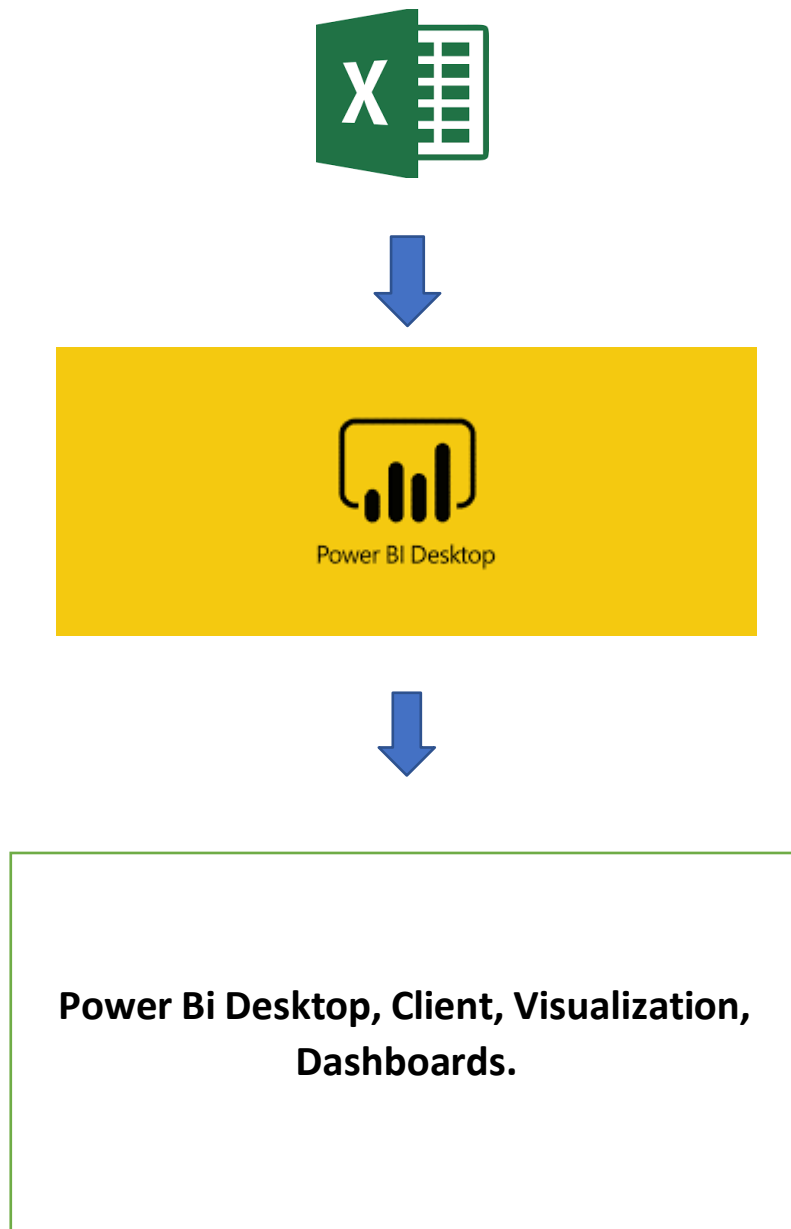
- Task #1 - In a word document write the process and data added to the current dataset.
- Task #2 – You can add your data as per your convenience.
- Task #3 - Do the data preparation part.
- Task #4 – Build the dashboards.
- Task #5 – Build a Storyline.

## **Scope –**

- The main Theme of my dashboards is number of awards won by entertainers throughout their life-time. I have created 2 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 2 dashboards: Dashboard 1 – shows Top 10 all-time entertainer's along with total nominees and Dashboard 2 – Gives insights about the mega Awards won by the top 10 entertainers,
- Who got the success at young age and the IMDB rating for the top 5 movies.

## Architecture Design

- The Architecture Design of the entire project is shown below



- 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:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Entertainer	Gender (traditional)	Birth Year													
2	Adele	F	1988													
3	Angelina Jolie	F	1975													
4	Aretha Franklin	F	1942													
5	Bette Davis	F	1908													
6	Betty White	F	1922													
7	Bing Crosby	M	1903													
8	Bob Hope	M	1903													
9	Carol Burnett	F	1933													
10	Carole Lombard	F	1908													
11	Carrie Fisher	F	1956													
12	Cary Grant	M	1904													
13	Charlie Chaplin	M	1889													
14	Clara Bow	F	1905													
15	Clark Gable	M	1901													
16	David Letterman	M	1947													
17	Debbie Reynolds	F	1932													
18	Denzel Washington	M	1954													
19	Dick Van Dyke	M	1925													
20	Donald Sutherland	M	1935													
21	Dustin Hoffman	M	1937													

- Breakthrough Info Excel sheet:

- Last work Info Excel sheet:

- 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 –

PROJECT INEURON\_4.xlsx - Excel

Vatsala Bhatt

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General

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A1 Name

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Name	Profession	Gender (tradit)	Birth	Year of Last Major Work (argues)	Year of Breakthrough/1st Hit/Award Nominat	Breakthrough Name	Year of First Oscar/Grammy/E	oscar's	grammy's	emmy's	Other awa	Nomina	tal awards w	awards won from breakth	Age at time of t
1	Stevie Wonder	Singer	M	1950	2005	1963	Fingertips	1973	2	24	0	12	99	37	No Award	13
2	Leonard Bernstein	Singer	M	1918	1989	1957	West Side Story	1962	0	17	7	31	82	55	No Award	39
3	Tony Bennett	Singer	M	1926	2016	1951	Because of You	1963	0	20	2	2	55	24	No Award	25
4	Aretha Franklin	Singer	F	1942	2014	1967	I Never Loved a Man (The Way I Love You)	1968	0	20	0	9	67	29	No Award	25
5	Oprah Winfrey	Actor	F	1954	2016	1985	The Color Purple	1987	0	0	18	35	145	53	No Award	31
6	Adele	Singer	F	1988	2016	2008	19	2009	1	15	0	16	94	32	Grammy	20
7	Paul McCartney	Singer	M	1942	2016	1963	I Want to Hold Your Hand	1963	1	14	0	16	138	33	Other	21
8	Willie Nelson	Singer	M	1933	2016	1975	Red Headed Stranger	1976	0	15	0	9	50	24	No Award	42
9	Justin Timberlake	Singer	M	1981	2016	2000	No Strings Attached	2004	0	10	4	41	185	55	No Award	19
10	Frank Sinatra	Singer	M	1915	1980	1940	I'll Never Smile Again	1946	1	12	0	21	76	34	No Award	25
11	Lady Gaga	Singer	F	1986	2016	2008	The Fame	2010	1	12	0	55	239	68	Other	22
12	John Lennon	Singer	M	1940	1980	1963	I Want to Hold Your Hand	1963	1	8	0	13	55	23	Other	23
13	Tom Hanks	Actor	M	1956	2016	1984	Splash	1993	2	0	17	82	290	51	No Award	28
14	Elton John	Singer	M	1947	2016	1972	Honky Chateau	1987	2	6	0	19	99	27	No Award	25
15	Prince	Singer	M	1958	2016	1979	Prince	1984	1	7	0	18	100	26	Other	21
16	Betty White	Actor	F	1922	2016	1952	Life with Elizabeth	1976	0	2	5	32	79	39	No Award	50
17	Carol Burnett	Actor	F	1933	2016	1959	The Garry Moore Show	1962	0	1	6	42	99	40	Emmy	26
18	David Letterman	Actor	M	1947	2015	1982	Late Night with David Letterman	1981	0	0	7	13	98	20	Emmy	35
19	Mary Tyler Moore	Actor	F	1936	2013	1961	The Dick Van Dyke Show	1964	0	0	7	23	60	30	Emmy	25
20	Dick Van Dyke	Actor	M	1925	2015	1963	Bye Bye Birdie, The Dick Van Dyke Show	1964	0	1	5	15	41	21	Emmy	38
21	Madonna	Singer	F	1958	2015	1984	Like a Virgin	1992	0	6	0	45	158	49	No Award	26
22	Mariah Carey	Singer	F	1969	2014	1990	Mariah Carey	1991	0	6	0	69	208	75	Other	21
23	Meryl Streep	Actor	F	1949	2016	1978	The Deer Hunter	1980	3	0	3	172	540	177	Other	29
24	Elvis Presley	Singer	M	1935	1977	1956	Heartbreak Hotel	1959	0	5	0	7	29	12	No Award	21
25	Johnny Carson	Actor	M	1925	1992	1962	The Tonight Show Starring Johnny Cars	1976	0	0	5	11	29	16	Emmy	37
26	Katherine Hepburn	Actor	F	1907	1994	1933	Morning Glory	1933	4	0	1	23	85	28	Oscar	26
27	Dustin Hoffman	Actor	M	1937	2016	1967	The Graduate	1968	2	0	2	99	117	63	Other	30
28	Willi Smith	Actor	M	1968	2016	1990	The Fresh Prince of Bel-Air	1990	0	4	0	66	231	70	No Award	22
29	Bette Davis	Actor	F	1908	1989	1934	Of Human Bondage	1935	2	0	1	31	57	34	No Award	26
30	Marlon Brando	Actor	M	1924	2001	1951	Streetcar Named Desire	1953	2	0	1	31	70	34	Other	27
31	Bing Crosby	Singer	M	1903	1974	1931	Several Songs	1962	1	1	0	16	27	18	Grammy	28
32	Denzel Washington	Actor	M	1954	2016	1989	Glor	1989	2	0	0	84	273	80	Oscar	35
33	Eddie Murphy	Actor	M	1961	2016	1980	Saturday Night Live	2001	0	1	1	41	144	43	Emmy	19
34	Gene Hackman	Actor	M	1930	2004	1967	Bonnie and Clyde	1971	2	0	0	31	72	33	Other	37
35	George Michael	Singer	M	1963	2004	1984	Wake Me Up Before You Go-Go	1988	0	2	0	4	23	6	No Award	21
36	Jay Leno	Actor	M	1950	2014	1992	The Tonight Show	1995	0	0	2	4	33	6	Emmy	42
37	Jimmy Page	Singer	M	1944	2015	1969	Led Zepplin 2	1999	0	2	0	1	7	5	No Award	25
38	Louis Armstrong	Singer	M	1901	1970	1964	Hello, Dolly!	1993	0	2	0	0	4	2	Grammy	63
39	Paul Newman	Actor	M	1925	2005	1958	Cat on a Hot Tin Roof	1986	1	0	1	36	108	38	No Award	33
40	Sidney Poitier	Actor	M	1927	2008	1955	Blackboard Jungle	1964	1	1	0	26	69	28	No Award	28
41	Annelina Jolie	Actor	F	1975	2016	1999	Girl, Interrupted	1999	1	0	0	57	174	58	Oscar	24

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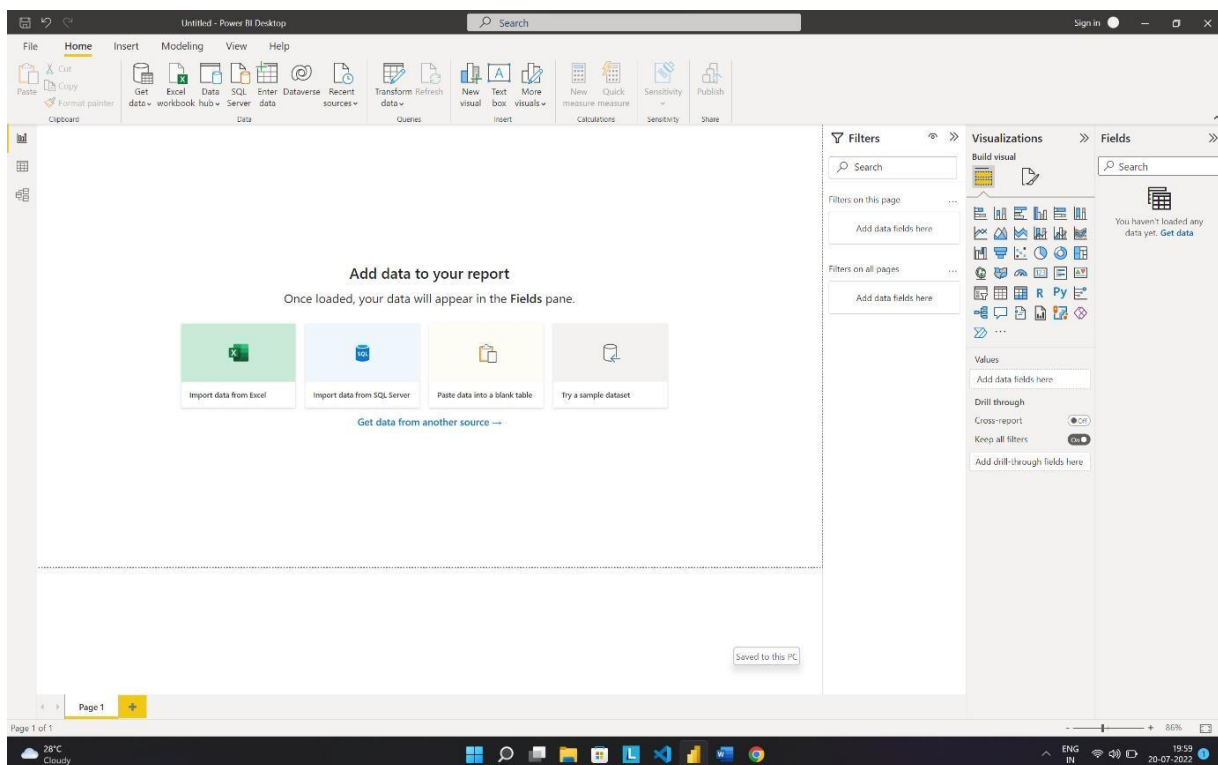


## Columns Names –

- Name– Name of the Entertainer
- Profession – Singer/Actor
- 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
- Award won from breakthrough
- Total Awards won
- Total Nominees
- 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.
- Age at the time of breakthrough
- Breakthrough movies IMDB ratings

## 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.