

Project Title – Entertainer Data Analysis

Domain – Film and Entertainment

Author – Manjeet Bilthare

Index

Sl. No.	Title	Page no.
1	Abstract	3
2	Given Tasks	3
3	Scope	3
4	Architecture Design	4
5	Data Preparation	6
6	Connect Data with Power BI Desktop	10

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 –

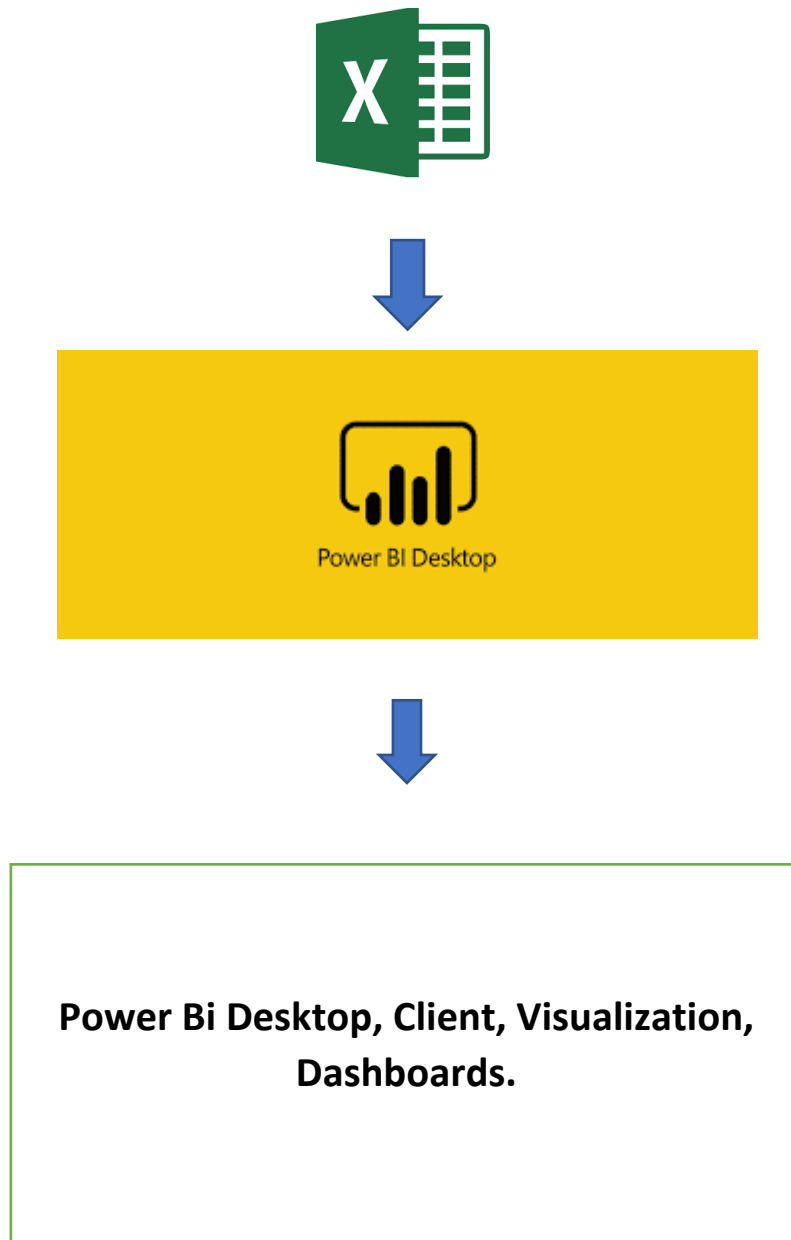
- Task #1 - In a word document write the process and data added to the current dataset.
- Task #2 – You can add your data as per your convenience.
- Task #3 - Do the data preparation part.
- Task #4 – Build the dashboards.
- Task #5 – Build a Storyline.

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 20 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



- 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:

[illegible]

- Breakthrough Info Excel sheet:

Entertainer	Year of Breakthrough/#1 Hit/Award Nomination	Breakthrough Name	Year of First Oscar/Grammy/Emmy
Adele	2008		19
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	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	1953	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

- Last work Info Excel sheet:

Entertainer	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year
Leonardo DiCaprio	2016																			
Louis Armstrong	1970	1971																		
Madonna	2015																			
Mariah Carey	2014																			
Marlon Brando	2001	2004																		
Mary Tyler Moore	2013																			
Meryl Streep	2016																			
Mick Jagger	2016																			
Morgan Freeman	2016																			
Oprah Winfrey	2016																			
Paul McCartney	2016																			
Paul Newman	2005	2008																		
Peter O'Toole	2013	2013																		
Prince	2016	2016																		
Robert Redford	2016																			
Sidney Politer	2008																			
Sly Stone	1971																			
Stevie Wonder	2005																			
Tom Hanks	2016																			
Tony Bennett	2016																			
Wayne Newton	2016																			
Will Smith	2016																			
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 –

The screenshot shows an Excel spreadsheet with the following columns: Entertainer, Gender (traditional), Birth Year, Year of Breakthrough/Hit Award Nomination, Breakthrough Name, Year of First Oscar/Grammy/Emmy, Year of Last Major Work (arguable), Year of Death, Award Won from Breakthrough, and Total. The data lists 38 entertainers, including Adele, Angelina Jolie, Aretha Franklin, Bette Davis, Betty White, Bing Crosby, Bob Hope, Carol Burnett, Carole Lombard, Carrie Fisher, Cary Grant, Charlie Chaplin, Clara Bow, Clark Gable, David Letterman, Debbie Reynolds, Denzel Washington, Dick Van Dyke, Donald Sutherland, Dustin Hoffman, Ed Sullivan, Eddie Murphy, Elton John, Elvis Presley, Frank Sinatra, Gene Hackman, George Michael, Gregory Peck, Greta Garbo, Humphrey Bogart, James Dean, Jay Leno, Jennifer Aniston, Jerry Seinfeld, Jimmy Page, Jimmy Stewart, and Joan Crawford.

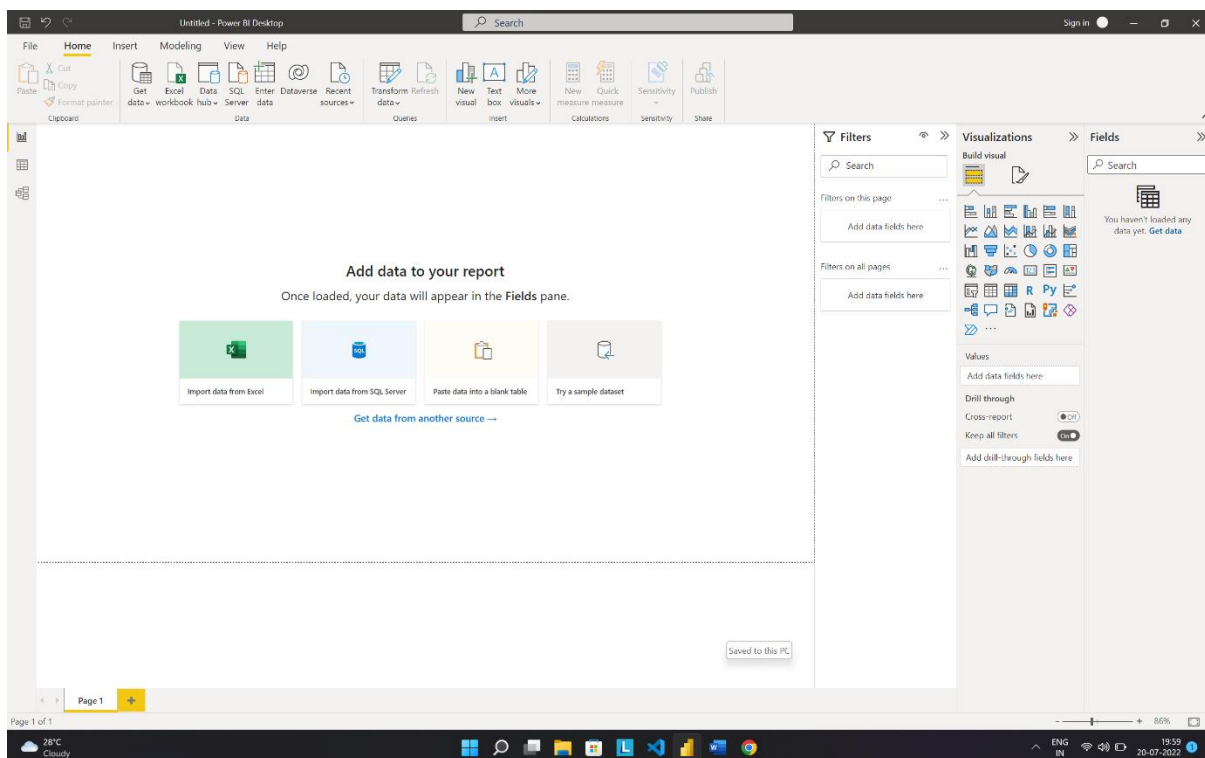
Entertainer	Gender (traditional)	Birth Year	Year of Breakthrough/Hit Award Nomination	Breakthrough Name	Year of First Oscar/Grammy/Emmy	Year of Last Major Work (arguable)	Year of Death	Award Won from Breakthrough	Total
1 Adele	F	1988	2008	19	2009	2016		Grammy	
2 Angelina Jolie	F	1975	1999	Girl, Interrupted	1999	2016		Oscar	
4 Aretha Franklin	F	1942	1967	I Never Loved a Man (The Way I Love You)	1968	2014		No Award	
5 Bette Davis	F	1908	1934	Of Human Bondage	1935	1989	1989	No Award	
6 Betty White	F	1922	1952	Life with Elizabeth	1976	2016		Emmy	
7 Bing Crosby	M	1903	1931	Several Songs	1962	1974	1977	Grammy	
8 Bob Hope	M	1903	1938	The Big Broadcast of 1938	1940	1972	2003	No Award	
9 Carol Burnett	F	1933	1959	The Garry Moore Show	1962	2016		Emmy	
10 Carole Lombard	F	1908	1934	Twentieth Century		1942	1942	No Award	
11 Carrie Fisher	F	1956	1977	Star Wars		2016	2016	Other	
12 Cary Grant	M	1904	1933	She Done Him Wrong, I'm No Angel	1970	1966	1986	No Award	
13 Charlie Chaplin	M	1889	1915	The Tramp	1929	1967	1977	No Award	
14 Clara Bow	F	1905	1926	Mantrap		1933	1965	No Award	
15 Clark Gable	M	1901	1934	It Happened One Night	1934	1960	1960	Oscar	
16 David Letterman	M	1947	1982	Late Night with David Letterman	1981	2015		Emmy	
17 Debbie Reynolds	F	1932	1952	Singin' in the Rain		2006	2016	Other	
18 Denzel Washington	M	1954	1989	Glory	1989	2016		Oscar	
19 Dick Van Dyke	M	1925	1961	Bye Bye Birdie, The Dick Van Dyke Show	1964	2015		Emmy	
20 Donald Sutherland	M	1935	1967	The Dirty Dozen	1995	2016		No Award	
21 Dustin Hoffman	M	1937	1967	The Graduate	1980	2016		Other	
22 Ed Sullivan	M	1901	1948	Toast of the Town	1956	1973	1974	Other	
23 Eddie Murphy	M	1961	1980	Saturday Night Live	2001	2016		Emmy	
24 Elton John	M	1947	1972	Honky Chateau	1987	2016		No Award	
25 Elvis Presley	M	1935	1956	Heartbreak Hotel	1959	1977	1977	No Award	
26 Frank Sinatra	M	1915	1940	I'll Never Smile Again	1946	1980	1998	No Award	
27 Gene Hackman	M	1930	1967	Bonnie and Clyde	1971	2004		Other	
28 George Michael	M	1963	1984	Wake Me Up Before You Go-Go	1988	2004	2016	No Award	
29 Gregory Peck	M	1916	1944	The Keys of the Kingdom	1962	1991	2003	No Award	
30 Greta Garbo	F	1905	1930	Anna Christie	1954	1941	1990	Other	
31 Humphrey Bogart	M	1899	1936	The Petrified Forest	1951	1956	1957	No Award	
32 James Dean	M	1931	1953	East of Eden	1955	1955	1955	Other	
33 Jay Leno	M	1950	1992	The Tonight Show	1995	2014		Emmy	
34 Jennifer Aniston	F	1969	1994	Friends	2002	2016		Emmy	
35 Jerry Seinfeld	M	1954	1988	Seinfeld	1992	2016		Emmy	
36 Jimmy Page	M	1944	1969	Led Zeppelin 2	1999	2016		No Award	
37 Jimmy Stewart	M	1908	1938	You Can't Take it With You	1941	1980	1997	No Award	
38 Joan Crawford	F	1904	1928	Our Dancing Daughters	1946	1970	1977	No Award	

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
- 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.