Low-Level Design

Entertainer Data Analysis

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➢ Problem Statement:

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 entertainer industry consists of film, television, radio, and print. These segments include movies, TV shows, radio shows, news, music, newspaper, magazine, and books. The entertainer industry is a group of sub-industry devoted to describing the mass media companies that control the distribution and manufacture of mass media entertainment.

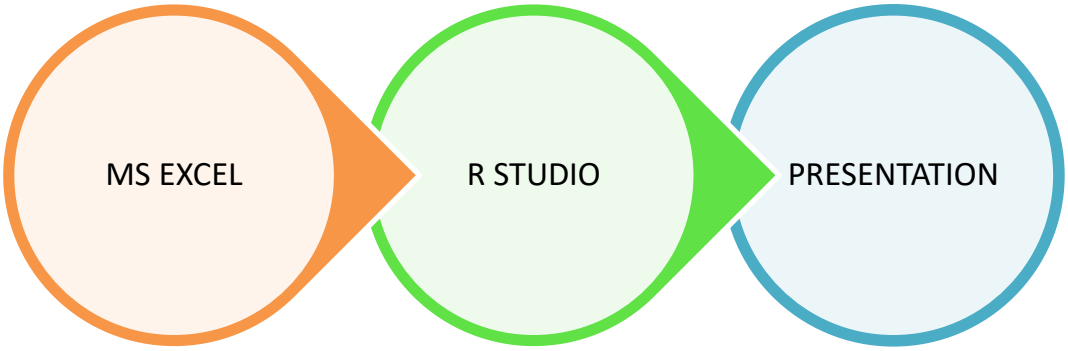
➢ Tasks:

1. In a word document write the process and data added to the current dataset.
2. In addition, mention the theme on which will be creating the dashboard.
3. Add data as per convenience.
4. Do the data preparation part.
5. Build the dashboards.
6. Build a Storyline.

➢ Scope:

The aim of this project is to find out who is the best entertainer, highest awards, highest breakthrough, number of awards won by entertainer throughout their life. There are two dashboards showing their awards-winning performance in different professions. Dashboards show in which year highest number of nominees, Oscar awards, Emmy awards, Grammy awards, and other awards etc.

➢ Architecture:



➢ Data Description:

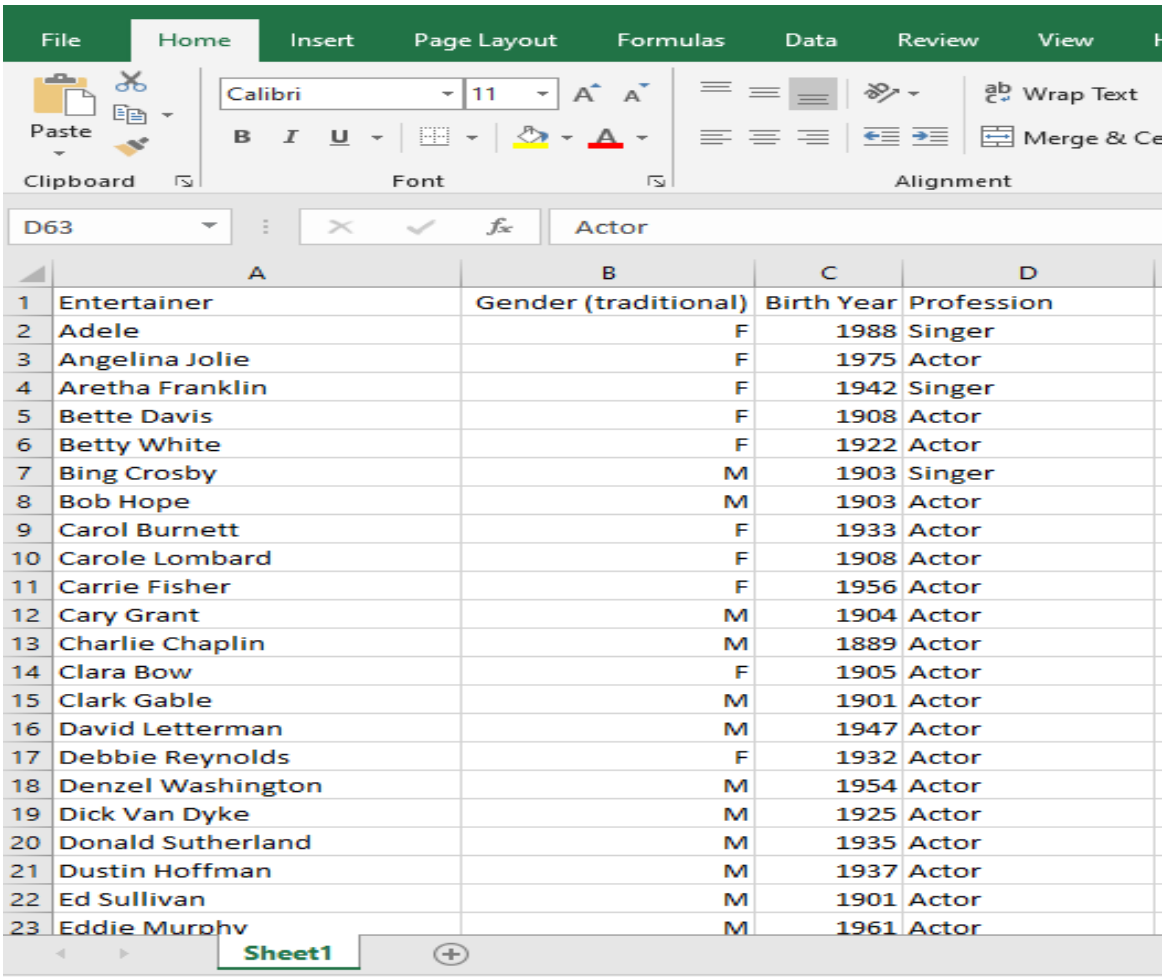
- Data was given into three parts in an excel file which are Entertainer – Basic Info, Entertainer – Breakthrough Info, and Entertainer – Last work Info.
- Basic Info includes name, gender, and birth year of entertainer.
- Breakthrough Info includes the year of breakthrough/hit/award nomination, breakthrough name, and year of first Oscar/Grammy/Emmy along with the name of entertainers.
- Last work Info includes last major work (arguable), year of death (if they are) along with the name of entertainers.
- This data isn't sufficient to do analysis and make a dashboard on it. For this some external information like awards they won, nominees etc. are added. And make another excel sheet called award info.

➢ Features Description:

- **Entertainer:** Name of the entertainer.
- **Gender (traditional):** Gender of the entertainer.
- **Birth Year:** Birth year of that entertainer.
- **Year of Breakthrough/# hit/Award Nomination:** Here, breakthrough means super hit or career changing performance. Column shows year of breakthrough.
- **Breakthrough Name:** Name of breakthrough. It can be either musical album or TV show or movie.
- **Year of first Oscar/Grammy/Emmy:** Year if first mega award they won.
- **Year of Last Major Work (arguable):** Last major show or album. You can also say last appearance.
- **Year of Death:** Entertainer's year of death, if they die.

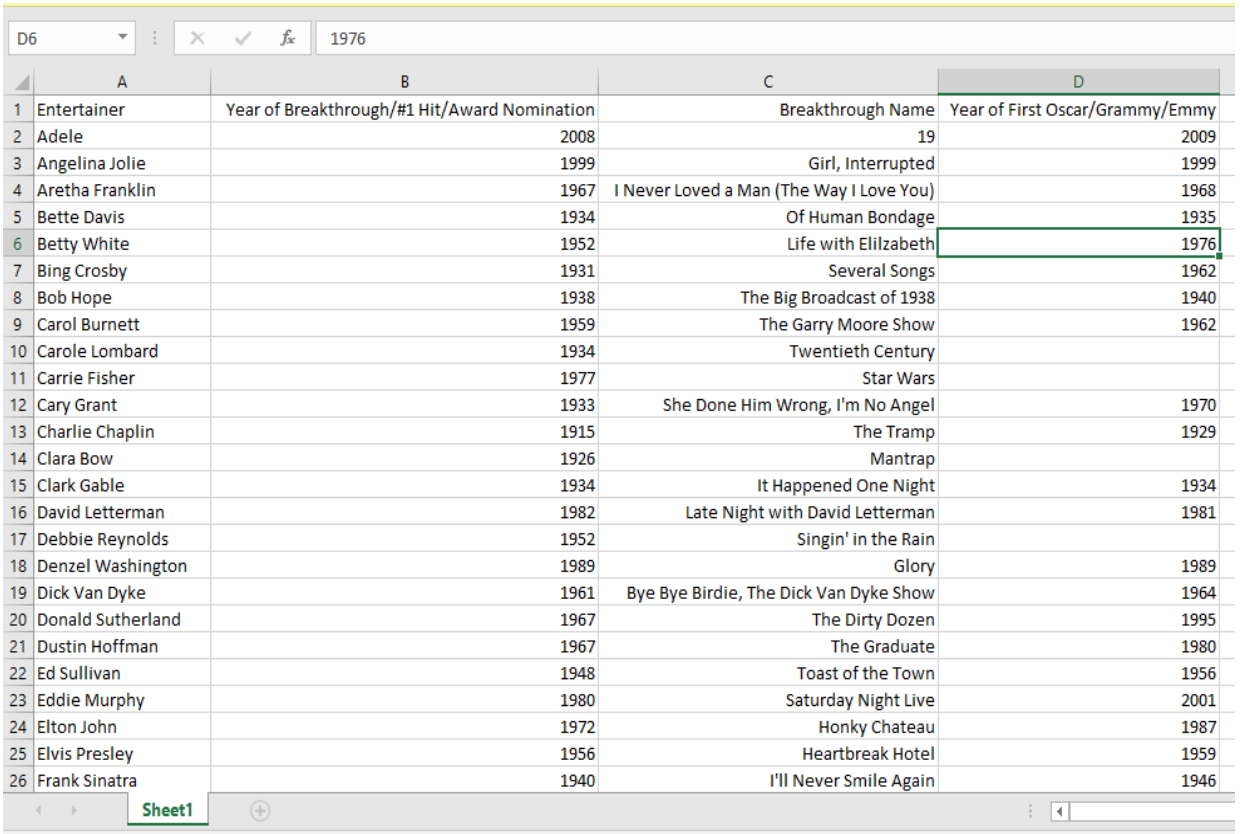
- **Award won from Breakthrough:** Any award/s from breakthrough.
- **Total Awards won:** Total awards that entertainer won throughout.
- **Total Nominees:** Total nominees for they have chosen for award.
- **Profession:** Category of entertainer either singer or actor. Pop stars dancers are including in singer and TV hosts and TV actors are included in actor.
- **Oacar won:** Number of total Oscar awards they won.
- **Grammy won:** Number of total Grammy awards they won.
- **Emmy won:** Number of total Emmy awards they won.
- **Other Awards:** Number of other awards they won apart from Oscar, Grammy., and Emmy.

Entertainer – Basic Info



	A	B	C	D
1	Entertainer	Gender (traditional)	Birth Year	Profession
2	Adele	F	1988	Singer
3	Angelina Jolie	F	1975	Actor
4	Aretha Franklin	F	1942	Singer
5	Bette Davis	F	1908	Actor
6	Betty White	F	1922	Actor
7	Bing Crosby	M	1903	Singer
8	Bob Hope	M	1903	Actor
9	Carol Burnett	F	1933	Actor
10	Carole Lombard	F	1908	Actor
11	Carrie Fisher	F	1956	Actor
12	Cary Grant	M	1904	Actor
13	Charlie Chaplin	M	1889	Actor
14	Clara Bow	F	1905	Actor
15	Clark Gable	M	1901	Actor
16	David Letterman	M	1947	Actor
17	Debbie Reynolds	F	1932	Actor
18	Denzel Washington	M	1954	Actor
19	Dick Van Dyke	M	1925	Actor
20	Donald Sutherland	M	1935	Actor
21	Dustin Hoffman	M	1937	Actor
22	Ed Sullivan	M	1901	Actor
23	Eddie Murphy	M	1961	Actor

Entertainer – Breakthrough Info:



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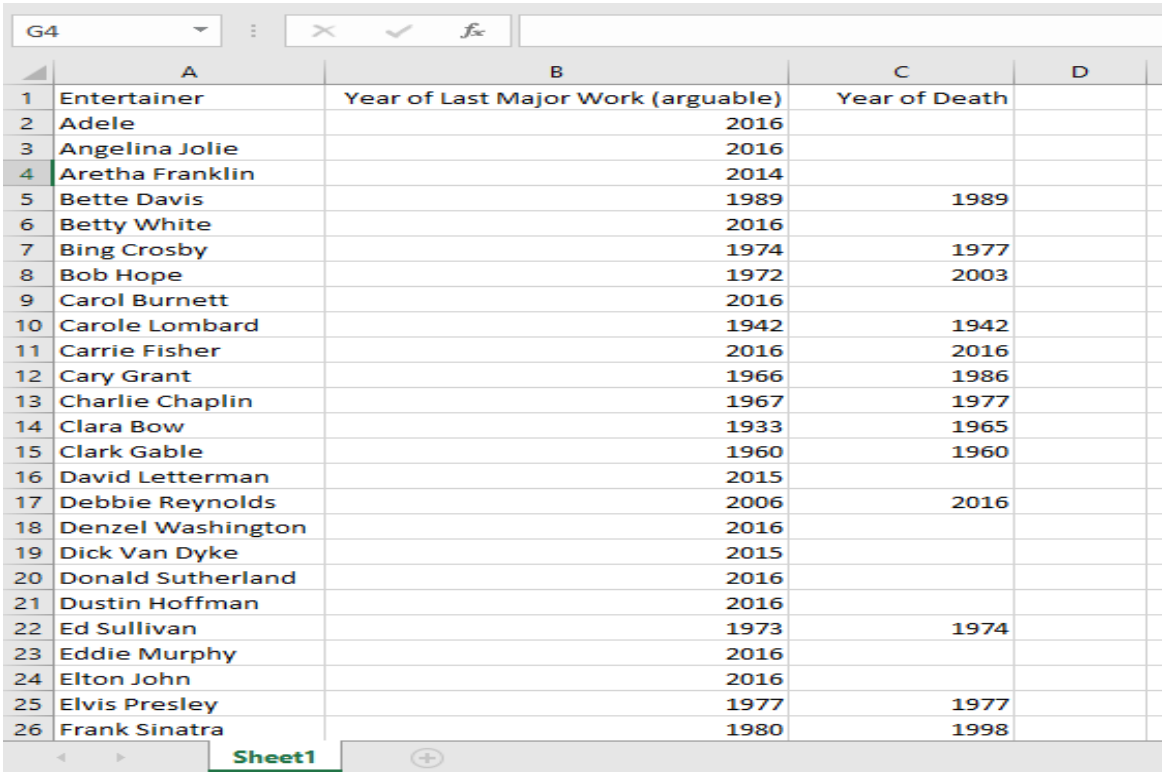
	A	B	C	D
1	Entertainer	Year of Breakthrough/#1 Hit/Award Nomination	Breakthrough Name	Year of First Oscar/Grammy/Emmy
2	Adele	2008	19	2009
3	Angelina Jolie	1999	Girl, Interrupted	1999
4	Aretha Franklin	1967	I Never Loved a Man (The Way I Love You)	1968
5	Bette Davis	1934	Of Human Bondage	1935
6	Betty White	1952	Life with Elilzabeth	1976
7	Bing Crosby	1931	Several Songs	1962
8	Bob Hope	1938	The Big Broadcast of 1938	1940
9	Carol Burnett	1959	The Garry Moore Show	1962
10	Carole Lombard	1934	Twentieth Century	
11	Carrie Fisher	1977	Star Wars	
12	Cary Grant	1933	She Done Him Wrong, I'm No Angel	1970
13	Charlie Chaplin	1915	The Tramp	1929
14	Clara Bow	1926	Mantrap	
15	Clark Gable	1934	It Happened One Night	1934
16	David Letterman	1982	Late Night with David Letterman	1981
17	Debbie Reynolds	1952	Singin' in the Rain	
18	Denzel Washington	1989	Glory	1989
19	Dick Van Dyke	1961	Bye Bye Birdie, The Dick Van Dyke Show	1964
20	Donald Sutherland	1967	The Dirty Dozen	1995
21	Dustin Hoffman	1967	The Graduate	1980
22	Ed Sullivan	1948	Toast of the Town	1956
23	Eddie Murphy	1980	Saturday Night Live	2001
24	Elton John	1972	Honky Chateau	1987
25	Elvis Presley	1956	Heartbreak Hotel	1959
26	Frank Sinatra	1940	I'll Never Smile Again	1946

Sheet1

Entertainer Last Work Info:



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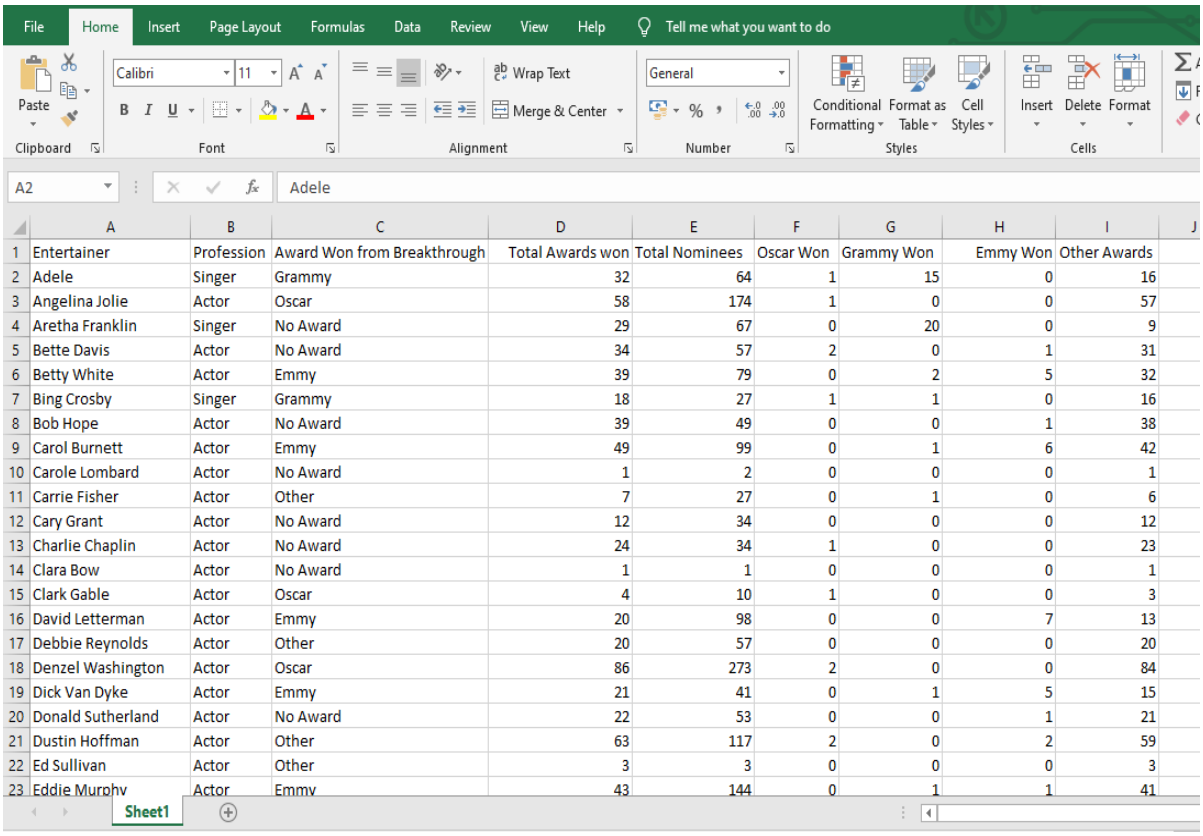
	A	B	C	D
1	Entertainer	Year of Last Major Work (arguable)	Year of Death	
2	Adele	2016		
3	Angelina Jolie	2016		
4	Aretha Franklin	2014		
5	Bette Davis	1989	1989	
6	Betty White	2016		
7	Bing Crosby	1974	1977	
8	Bob Hope	1972	2003	
9	Carol Burnett	2016		
10	Carole Lombard	1942	1942	
11	Carrie Fisher	2016	2016	
12	Cary Grant	1966	1986	
13	Charlie Chaplin	1967	1977	
14	Clara Bow	1933	1965	
15	Clark Gable	1960	1960	
16	David Letterman	2015		
17	Debbie Reynolds	2006	2016	
18	Denzel Washington	2016		
19	Dick Van Dyke	2015		
20	Donald Sutherland	2016		
21	Dustin Hoffman	2016		
22	Ed Sullivan	1973	1974	
23	Eddie Murphy	2016		
24	Elton John	2016		
25	Elvis Presley	1977	1977	
26	Frank Sinatra	1980	1998	

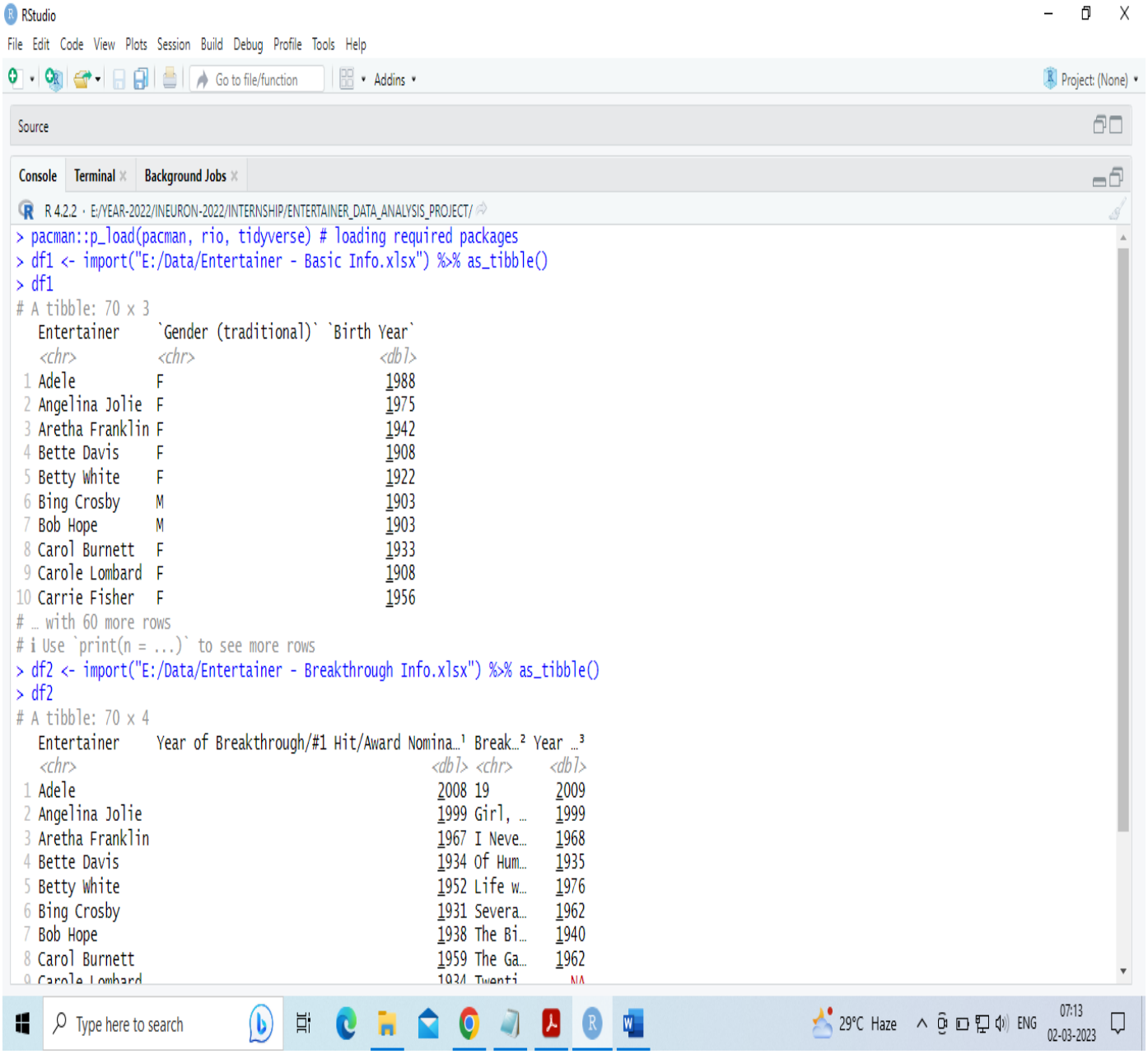
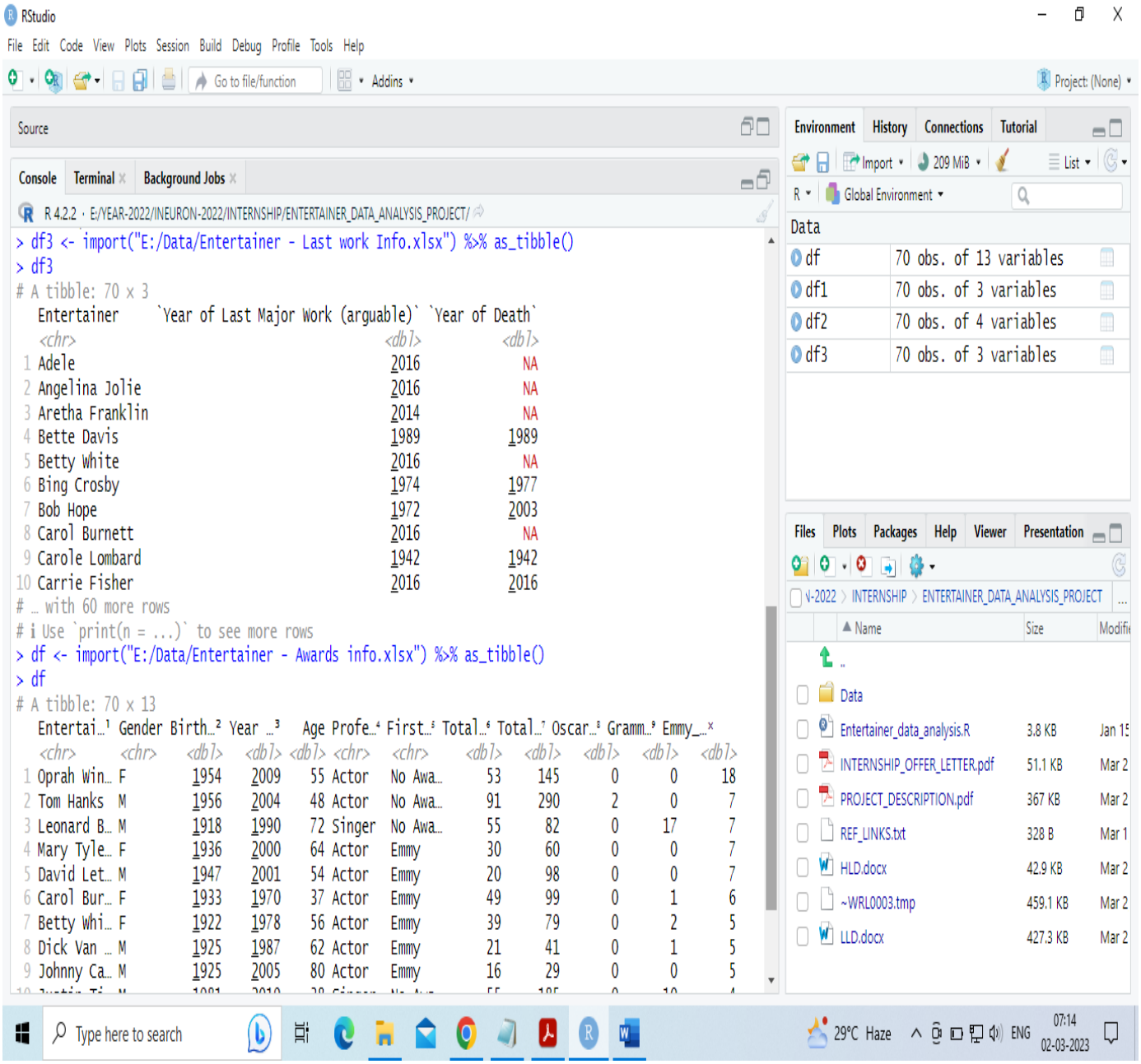
Sheet1

Entertainer – Award Info:



Entertainer	Profession	Award Won from Breakthrough	Total Awards won	Total Nominees	Oscar Won	Grammy Won	Emmy Won	Other Awards
Adele	Singer	Grammy	32	64	1	15	0	16
Angelina Jolie	Actor	Oscar	58	174	1	0	0	57
Aretha Franklin	Singer	No Award	29	67	0	20	0	9
Bette Davis	Actor	No Award	34	57	2	0	1	31
Betty White	Actor	Emmy	39	79	0	2	5	32
Bing Crosby	Singer	Grammy	18	27	1	1	0	16
Bob Hope	Actor	No Award	39	49	0	0	1	38
Carol Burnett	Actor	Emmy	49	99	0	1	6	42
Carole Lombard	Actor	No Award	1	2	0	0	0	1
Carrie Fisher	Actor	Other	7	27	0	1	0	6
Cary Grant	Actor	No Award	12	34	0	0	0	12
Charlie Chaplin	Actor	No Award	24	34	1	0	0	23
Clara Bow	Actor	No Award	1	1	0	0	0	1
Clark Gable	Actor	Oscar	4	10	1	0	0	3
David Letterman	Actor	Emmy	20	98	0	0	7	13
Debbie Reynolds	Actor	Other	20	57	0	0	0	20
Denzel Washington	Actor	Oscar	86	273	2	0	0	84
Dick Van Dyke	Actor	Emmy	21	41	0	1	5	15
Donald Sutherland	Actor	No Award	22	53	0	0	1	21
Dustin Hoffman	Actor	Other	63	117	2	0	2	59
Ed Sullivan	Actor	Other	3	3	0	0	0	3
Eddie Murphy	Actor	Emmy	43	144	0	1	1	41

➢ Connect to R STUDIO: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