Entertainer Data Analysis Architecture
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Scope

The scope of this analysis to see which among the components of Mass Media Entertainment plays a significant role in the growth of Mass Media Entertainment through visualization and correlation. In a large picture this information will let people know which component will lead to more growth of the industry and as well as which among them has to be improved for the sustainable growth of Mass Media Entertainment. Eventually the growth of Mass Media Entertainment will lead to the growth of the whole Entertainment Industry.

Introduction

Entertainment is an activity that gives people a chance to take a diversion from their routine work for a short span of time and to relieve the stress that has been accumulated. The person who performs these activities are called entertainers and all entertainment activities are put together by an industry called entertainment industry.

The Entertainment Industry has been a part of human life for centuries. It has been involved in human life in more than one way .It breaks the monotony of people's life, fills the void present in their life virtually, helps people to detach themselves from the reality for a temporary period and sometimes provides a hand in healing people from inside. There are economical benefits that are gained through this industry such as it generates employment opportunities and revenues. The industry also plays the role of psychological influencer.

The importance and influence of the entertainment industry in human life has exponential growth over the years. It influences each every day to day task in our life, even our perception towards anything is being influenced. The industry has become powerful over the years. Detaching it from human life is impossible.
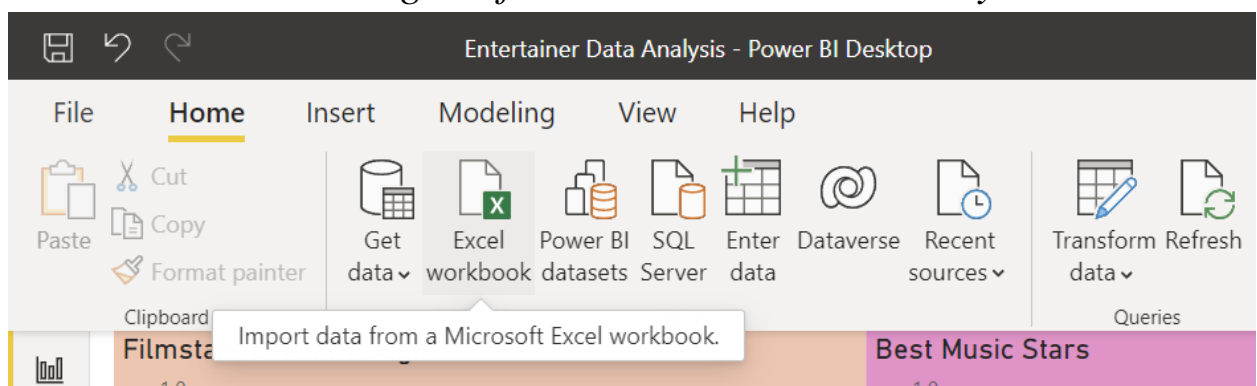
The entertainment industry has various sub industries in itself such as Digital entertainment, Electronic entertainment, Mass Media Entertainment, Exhibition Entertainment and Live Entertainment. This project deals with the various components of Mass Media Entertainment. The components of Mass Media Entertainment discussed are Film, Music, Television.

Architecture

- *The entire architecture of Entertainer Data Analysis Project is:*
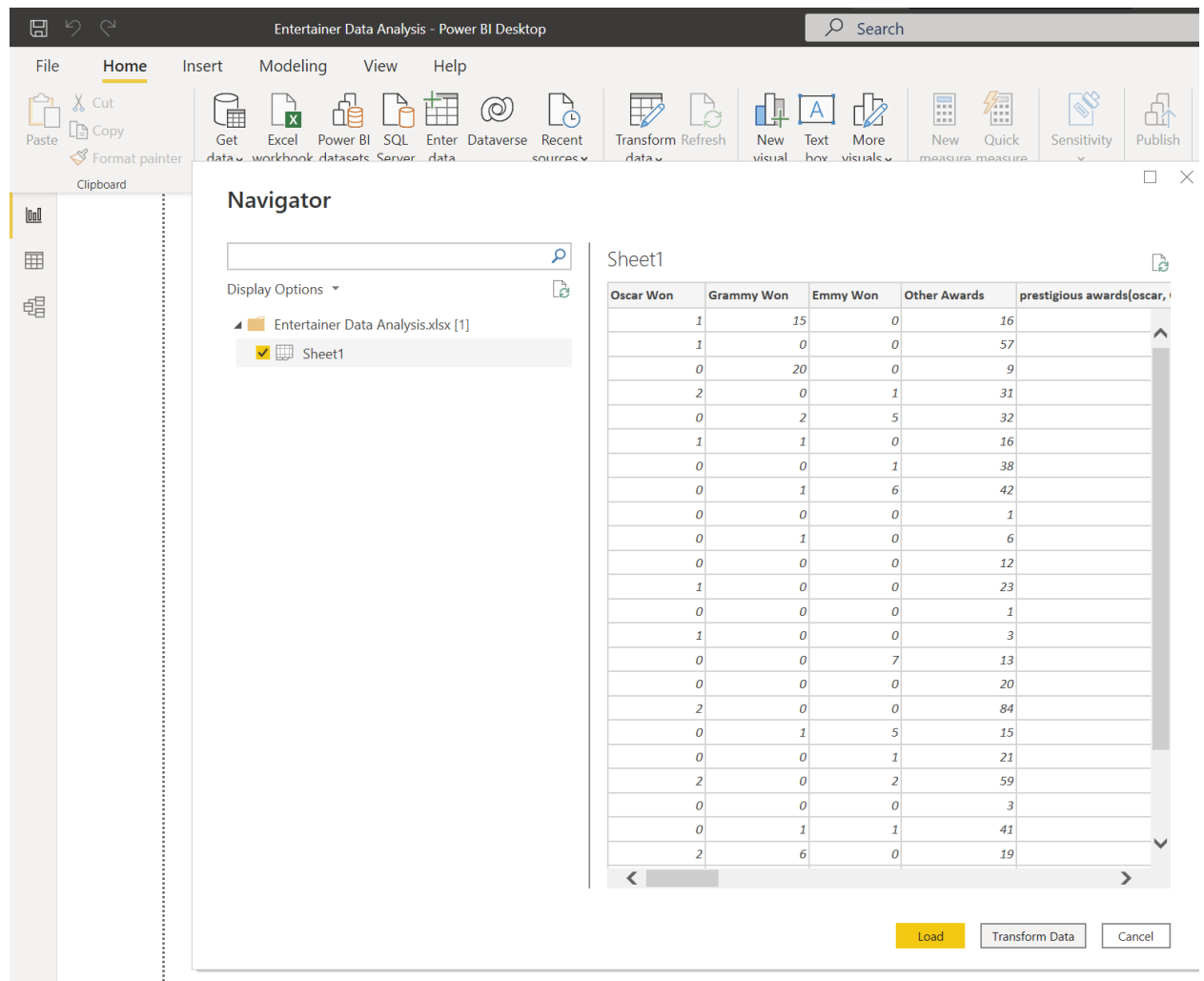

- *The entire Data was stored in a single Excel File named as Entertainer Data Analysis which consists of 20 columns.*
- *We used PowerBI Desktop for visualizing Data and getting useful insights from the data.*
- *In PowerBI Desktop, clicking on Getting Data from Excel Workbook and loading the file Entertainer Data Analysis:*

- *Selecting Excel Sheet and clicking on Transform Data:*

Transforming Data Type of column Breakthrough Name from Any to Text:

#	Name	Gender (traditional)	Music/Flim	Timespan	Breakthrough Name	Award win by breakthrough
1			Flim	23	Girl, Interrupted	Oscar
2			Flim	58	Of Human Bondage	No Award
3			Flim	34	The Big Broadcast of 1938	No Award
4			Flim	21	Twentieth Century	No Award
5			Flim	41	Star Wars	Other
6			Flim	34	She Done Him Wrong	No Award
7			Flim	53	The Tramp	No Award
8	Burnett	F	Flim	11	Mantrap	No Award
9	le Lombard	M	Flim	36	It Happened One Night	Oscar
10	e Fisher	F	Flim	54	Singin' in the Rain	Other
11	Grant	M	Flim	35	Glory	Oscar
12	lie Chaplin	M	Flim	51	The Dirty Dozen	No Award
13	Bow	M	Flim	49	The Graduate	Other
14	Gable	M	Flim	43	Bonnie and Clyde	No Award
15	d Letterman	M	Flim	49	The Keys of the Kingdom	Other
16	ie Reynolds	F	Flim	15	Anna Christie	No Award
17	el Washington	M	Flim	26	The Petrified Forest	Other
18	Van Dyke	M	Flim	4	East of Eden	Emmy
19	ld Sutherland	M	Flim	45	You Can't Take it With You	No Award
20	in Hoffman	F	Flim	45	Our Dancing Daughters	Other
21	llivan	M	Flim	46	Stagecoach	Emmy
22	e Murphy	F	Flim	62	Morning Glory	Emmy
23	John	M	Flim	58	Champion	Other
24	Presley	M	Flim	25	Titanic	Grammy
25	k Sinatra	M	Flim	51	Streetcar Named Desire	Emmy
26	Hackman	F	Flim	41	The Deer Hunter	No Award
27	ge Michael	M	Flim	52	Driving Miss Daisy and Glory	No Award
28	ory Peck	F	Flim	31	The Color Purple	Other
29	a Garbo	M	Flim	52	Cat on a Hot Tin Roof	Other
30	phrey Bogart	M	Flim	53	Lawrence of Arabia	Other
31	s Dean	M	Flim	57	Butch Cassidy and the Sundance Kid	No Award

● *All other data types are matching with columns present. Hence applying this change by clicking on Close & Apply button present in Home Tab:*
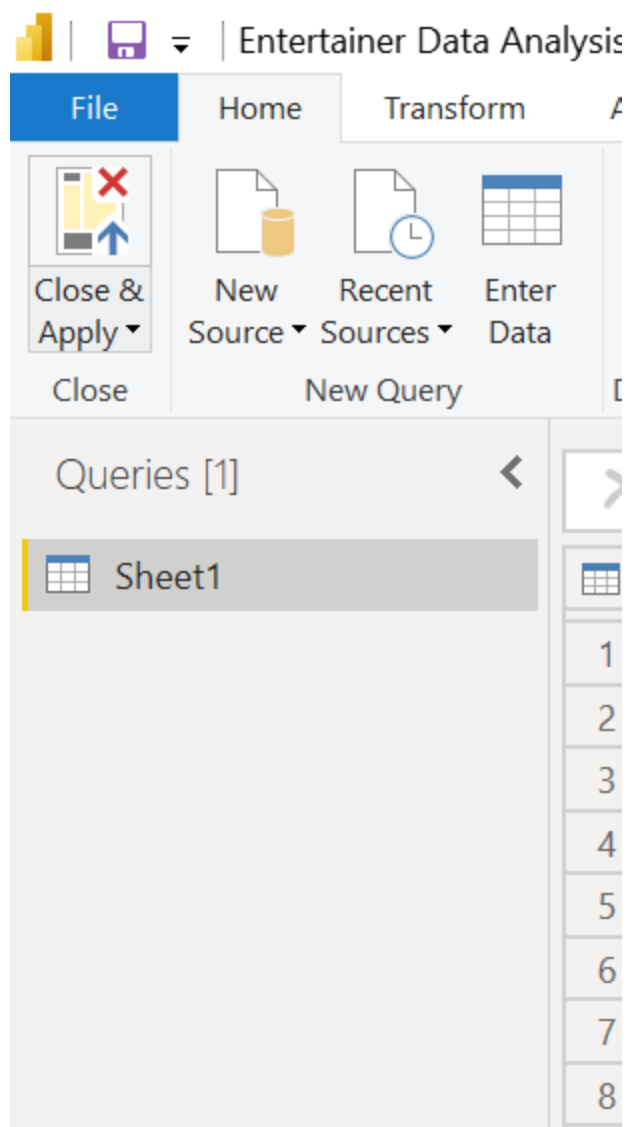
● *The data gets loaded and now creating visuals based on various visualization charts present in Visualizations Pane of PowerBI Desktop:*

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● *Creating all necessary charts and making a colourful dashboard:*