Entertainer data analysis

ARCHITECTURE

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Scope and Introduction

The aim of this project is to analyze and visualize data related to the entertainment industry using Power BI. The entertainment industry is a vast sector that includes film, television, radio, print, and digital media. The focus of this project is to provide insights into the current state of the entertainment industry, and the most successful performers, among other key factors.

The project will involve data collection, preparation, and analysis to create a comprehensive dashboard that displays key insights about the entertainment industry. The dataset will include information about Entertainers, Oscar’s won, Grammy’s won, Emmy’s won, Breakthrough year, other awards, total nomination, gender, profession. The data will be sourced from various publicly available datasets, industry reports, and online sources. And main data set provided by Ineuron

The dashboard will provide a variety of interactive visualizations and charts that display relevant information about the entertainment industry. The dashboard will include information about the Oscar’s won, Grammy’s won, Emmy’s won, the most successful performers, gender, and profession.

The overall theme of the dashboard will be to provide insights into the entertainment industry and help users to better understand the trends and patterns in the industry. The dashboard will be designed to be user-friendly and easy to navigate, with interactive features that allow users to explore the data in depth.

In summary, this project aims to analyze and visualize data related to the entertainment industry using Power BI to provide insights into the trends and patterns in the industry. The project will include data collection, preparation, and analysis, as well as the creation of a comprehensive dashboard that displays key insights into the entertainment industry.

Architecture

The architecture of entire project is shown below:

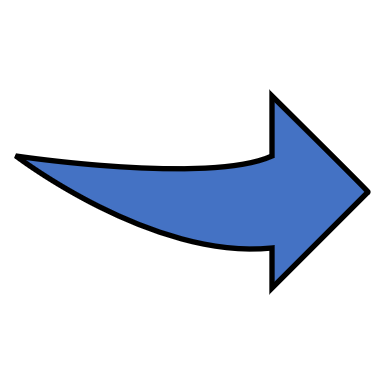
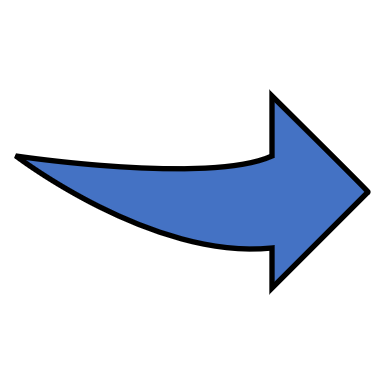
1. Data sources: The primary data source is an Excel file. Other data sources may include databases, cloud-based sources, or other types of files.

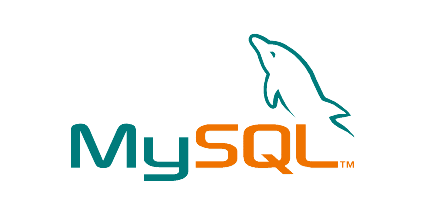
2. SQL Server: Use SQL Server to extract, transform, and load (ETL) data from various sources. SQL Server provides powerful tools for data transformation, cleansing, and modeling.

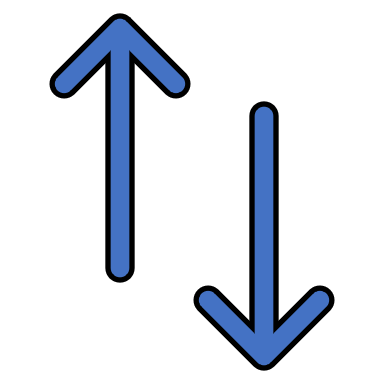
3. Power BI Desktop: Use Power BI Desktop to connect to the SQL Server database and import data into Power BI. Power BI Desktop provides a user-friendly interface for building data models, creating relationships between tables, and designing visualizations.

4. Power BI Service: Publish your Power BI reports and dashboards to the Power BI Service, a cloud-based service that allows users to view and interact with your reports and dashboards from anywhere.

5. End User: End users can access the reports and dashboards created in Power BI Service through a web browser or mobile app. They can use filters, slicers, and other tools to explore the data and gain insights.





## Power Bi Desktop, Client visualization

Deployment

1. Publish to Power BI Service: In Power BI Desktop, click on the "Publish" button to publish your report to the Power BI service. You'll need to sign into your Power BI account to complete this step.

2. Share with Others: Once the report is published, you can share it with others by clicking on the "Share" button. You can share the report with specific individuals, groups, or make it available to anyone with the link.

3. Embed in Web Pages or Applications: You can also embed your Power BI report in web pages or applications using an embed code. To do this, go to the "File" menu in the Power BI Service, select "Embed" and then choose the options that best suit your needs.

4. Access from Anywhere: Once your Power BI report is deployed, anyone with the appropriate permissions can access it from anywhere with an internet connection. Users can view the report in a web browser or mobile app.