**MUSEUM’S ARTWORKS ANALYSIS REPORT**

* **SUMMARY:**

This project looks at the Museum of Modern Artworks (MoMA) collection by combining and studying data from the 'Artworks' and 'Artists' tables.

We used SQL Server to clean the data and join the tables and Power BI to create visuals.

The goal was to find useful information about things like:

Gender wise contribution means how many artworks were made by male or female artists, whether the art is modern or old, which type of artworks are the most common like photography-print-drawing etc, which artists are shown the most and how artwork collections changed over time.

* KPIs (Key Performence Indicators):
* Modernity of Artworks: Percentage of artworks created post-1950.
* Top Featured Artist: Ludwig Mies van der Rohe (15K artworks)
* Year with Most Acquisitions:1998, Acquisition trends show significant growth in the mid-20th century.
* Most Common Artwork Type: Photograph (22.06%) of the collections
* Gender Distribution: Male Artists: 121K, Female Artists: 20K, Unknown/Blank: 17K combined.
* INSIGHTS:
* Modern Art Focus:

A large portion of the MoMA collection consists of modern artworks created after 1950, showing the museum's strong focus on Modern art.

* Top Contributing Artist:

Ludwig Mies van der Rohe is the most featured artist in the collection with over 15,000 artworks, indicating his significant presence and influence in MoMA’s archives.

* Acquisition Trends:

The year 1998 saw the highest number of acquisitions, and overall trends suggest major growth in acquisitions during the mid-to-late 20th century, highlighting a strategic expansion of the museum’s collection in that period.

* Dominant Artwork Type:

Photographs make up the largest share (22.06%) of all artworks, suggesting that photography is a major focus area within MoMA’s collection.

* Gender Representation:

The collection shows a strong gender imbalance:

Male artists contributed approximately 121,000 artworks

Female artists contributed around 20,000

Unknown/unspecified artists account for 17,000

This reflects a need for greater representation and inclusion of female and diverse artists in the art world.