

Museum Collection Analysis – Summary Report

1. Overview

The museum holds a vast and diverse collection of approximately 150,000 artworks contributed by over 11,000 artists. This report outlines critical patterns in artist contributions, departmental focus, medium usage, gender representation, and acquisition strategy to guide future curatorial and operational decisions.

2. Key Performance Indicators (KPIs)

- Total Artworks: 150K
- Top Department by Object Count: Drawings & Prints
- Nationality with Most Artworks: American
- Total Number of Artists: 142K
- Most Used Medium: Gelatin silver print
- Average Acquisition Time: 45

3. Insights

a. Top Artists by Artwork Count

- Ludwig: 13,752 artworks
- Eugene: 5,025
- Others: Ranging from 2,193 to 3,236

b. Top Mediums by Object Count

- Gelatin silver print: 16,429
- Lithograph & others: Range 4,757–8,573

c. Top Classifications

- Photograph: 33,955
- Prints, Illustrations, and Drawings follow

d. Departments

- Drawings & Prints lead with 27,790 objects
- Architecture & Design: 15,450

e. Gender Breakdown

- Male: 122,429
- Female: 19,724
- Not Specified : 7,664

f. Acquisition Trends

- Major peaks in 1960s and early 2000s
Increasing acquisition activity over time

g. Nationality Insights

- American: 69,849
- French: 22,490
- German, British follow with 5K–8K objects

4. Recommendations

- Enhance Female Artist Representation: Only ~13% of artworks are by female artists.
- Diversify Nationality Coverage: Heavily skewed toward American artists.
- Expand focus to underrepresented nationalities and media to enrich the cultural breadth of the collection.
- Consider strategic acquisitions of high-impact artworks by lesser-known artists to increase collection diversity.
- Leverage historical acquisition patterns to forecast future needs and prepare for funding allocations accordingly.

5. Conclusion

This analysis highlights both strengths and areas of opportunity within the museum's collection strategy. The data provides a solid foundation for informed decision-making and helps align future goals with institutional values such as diversity, representation, and cultural impact.

6. Power BI Dashboard Snapshot

The following image shows the Power BI dashboard that visualizes the museum collection analysis.

