



**PEGGY
GUGGENHEIM
COLLECTION**

**Study of the
online collection**
Part 2- Data Visualization

Giovanna Pichierri

Objectives

Using the previously created database as a starting point, the objective is to analyze the Peggy Guggenheim Collection by addressing the following questions:

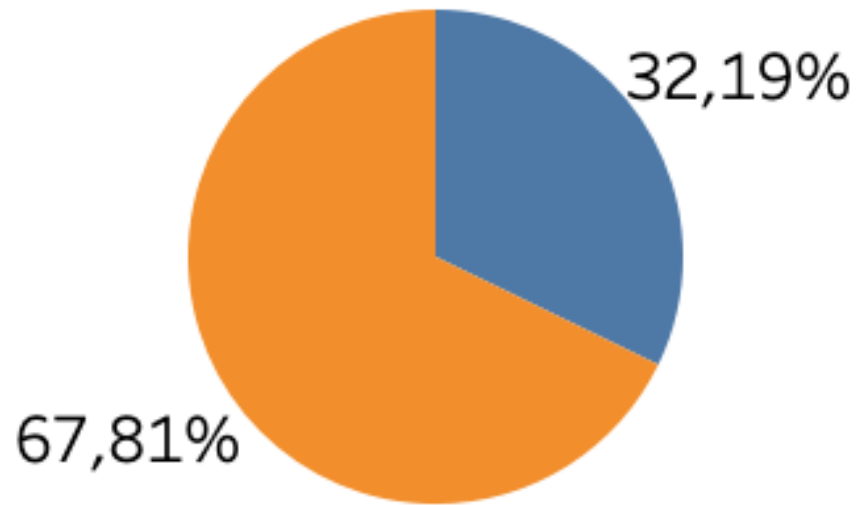
1. How many artworks are/are not exhibited?
2. Which historical periods are included?
3. Which artists are most represented in the collection?

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1. Exhibited artwork

OPERA ESPOSTA
OPERA NON ESPOSTA



The Peggy Guggenheim collection has a total of **612** artwork.

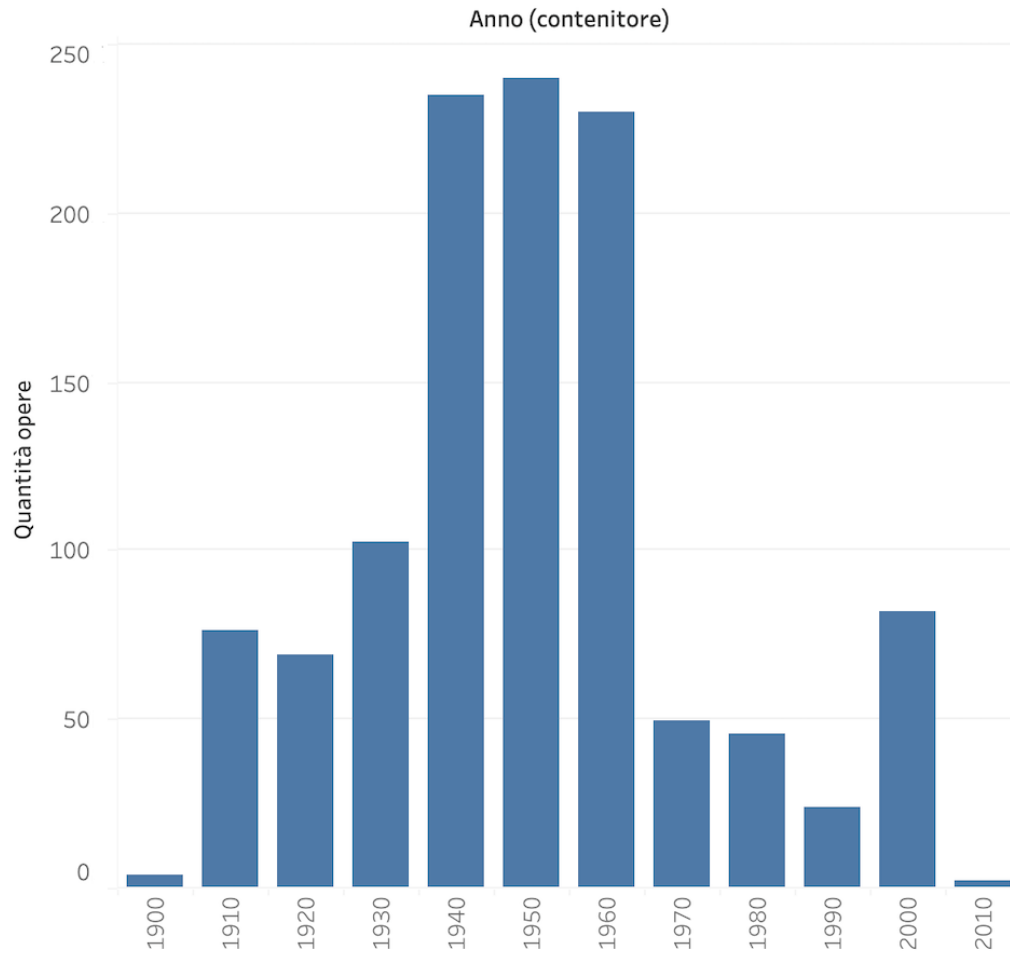
Of which

32,19% are exhibited

67,81% are not exhibited

in the Peggy Guggenheim museum of Venice

2. The dating of artworks



This bar graph shows the time of the artworks in the collection.

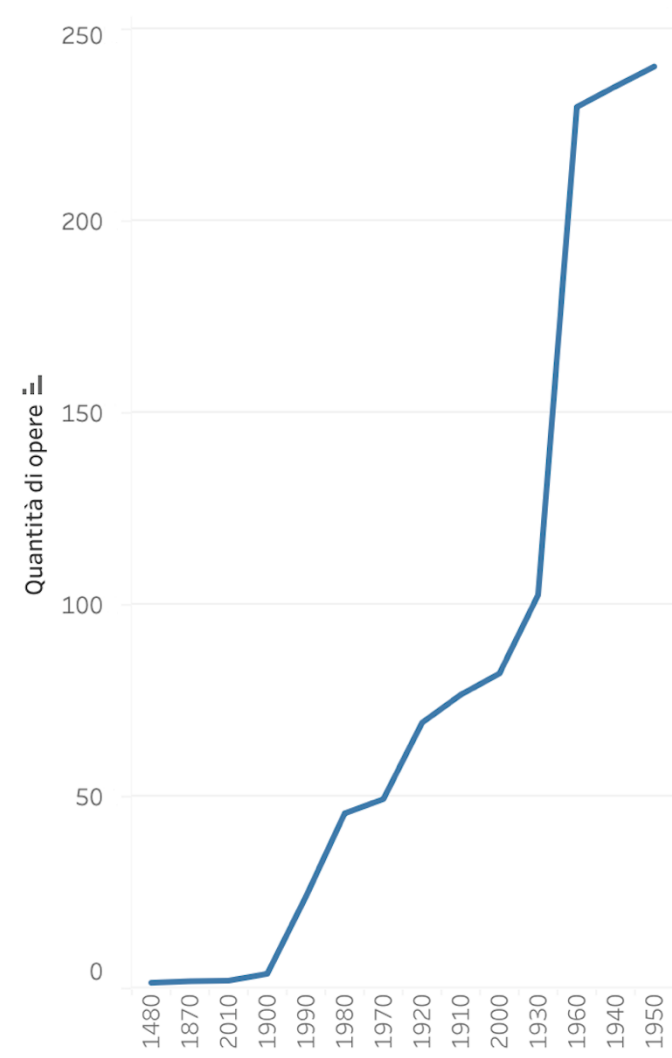
Works without dates and a works with a date far outside the range have been excluded from the analysis (5 record).

The collection ranges 1900 year to 2010 year.

It clearly emerges that the collection predominantly focuses on artworks from the 1940 to 1960 years.

The year with the most works of artworks is 1950, with 240 pieces.

2. The dating of artworks



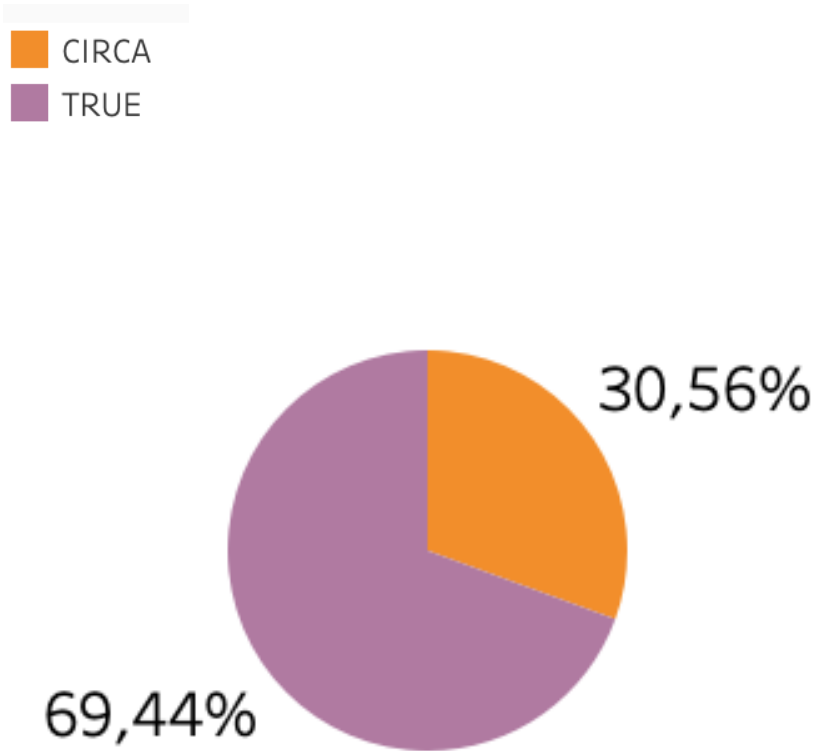
This line chart shows the trend in the dating of the artworks in the collection.

The chart also shows that the collector's interest was mainly in works from the 1940s, 1950s and 1960s.

We also note that there are very few works completely out of range (1480 and 1870).

The dating of the artworks of the collection appears to be very consistent.

2. The dating of artworks



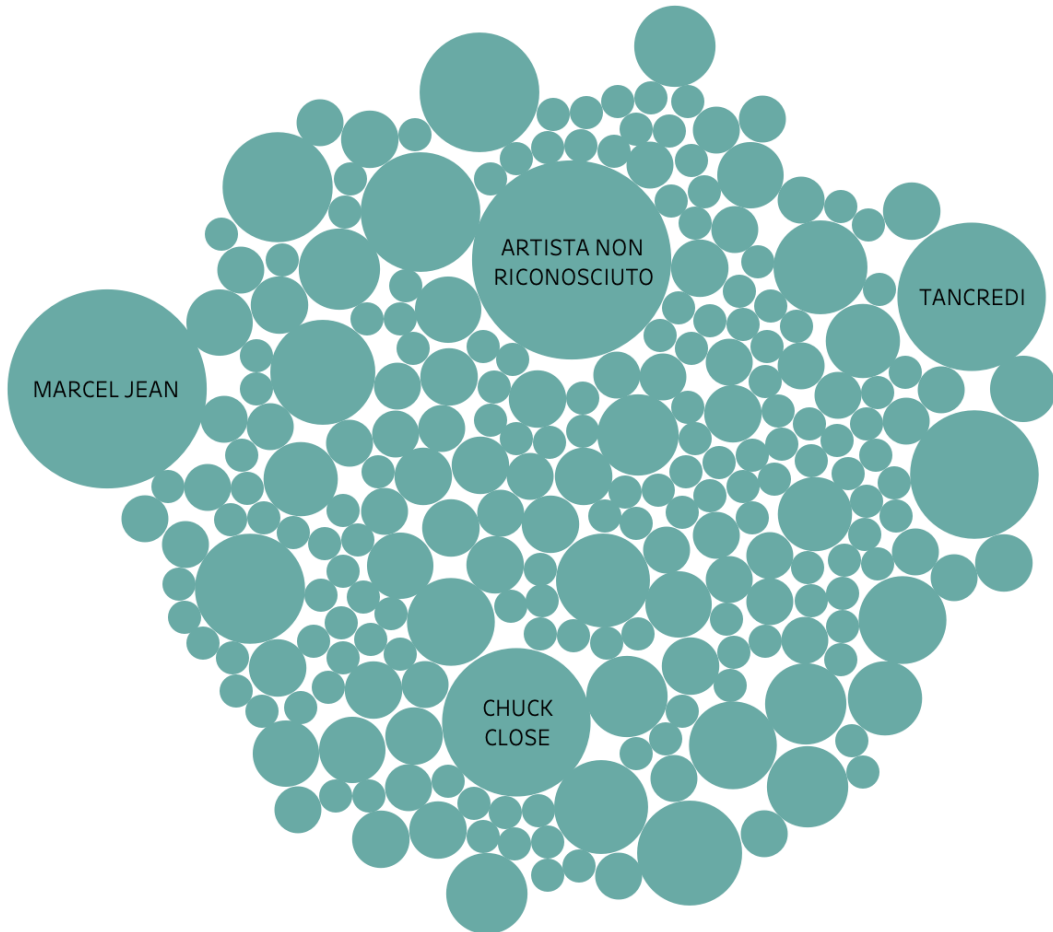
This pie-chart shows that:

69.44% of the artworks have an exact date, while for the remaining **30.56%**, the date is either approximate or missing.

It is important to note that the orange section also includes works whose catalogued date originally covered a range of years—these I have adjusted personally to allow for more detailed analysis.

This data might be misinterpreted; it should be understood as representing the number of artworks with a precise date corresponding to a single year.

3. The artists of the collection



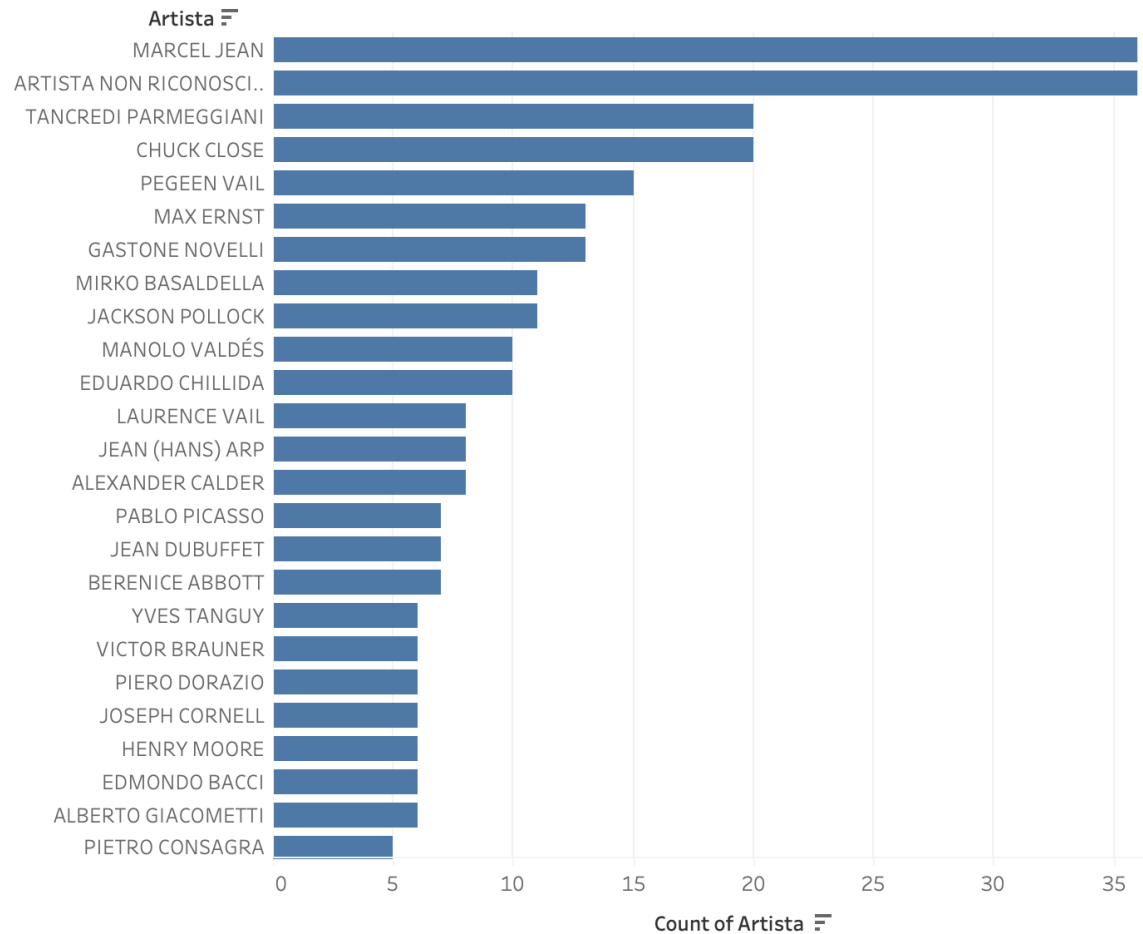
This chart aims to visually represent which artists are most present in the collection.

It's clear that the most present artist is Marcel Jean, with 36 artworks.

However, the same number applies to "ARTISTA NON RICONOSCIUTO," which refers to all works whose creator is unknown.

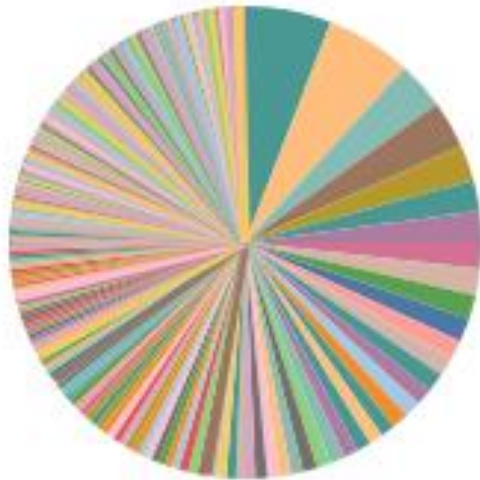
Two other artists with a significant presence in the collection are: Tancredi Parmeggiani Chuck Close, both with 7 artworks.

3. The artists of the collection



This bar graph aims to represent the artists most present in the collection by number of artworks.

3. The artists of the collection



Artista	
ADOLPH GOTTLIEB	
AFRO BASALDELLA	
AGNES MARTIN	
AGOSTINO BONALUMI	
ALAN DAVIE	
ALBERT GLEIZES	
ALBERTO BIASI	
ALBERTO BURRI	
ALBERTO GIACOMETTI	
ALBERTO GUZMÁN	
ALEXANDER ARCHIPENKO	
ALEXANDER CALDER	
AMÉDÉE OZENFANT	
AMEDEO MODIGLIANI	
ANDRÉ KERTÉSZ	
ANDRÉ MASSON	
ANDY GOLDSWORTHY	
ANDY WARHOL	
ANISH KAPOOR	
ANNI ALBERS	
ANSELM KIEFER	
ANTHONY CARO	
ANTOINE PEVSNER	
ANTONI TÀPIES	
ARMAN	
ARMANDO PIZZINATO	
ARNALDO POMODORO	

This pie chart represents each artist present in the collection by color.

It is clear that the collection is very diverse, with many artists represented by one or only a few works.

In fact, there are not many large slices in the chart.

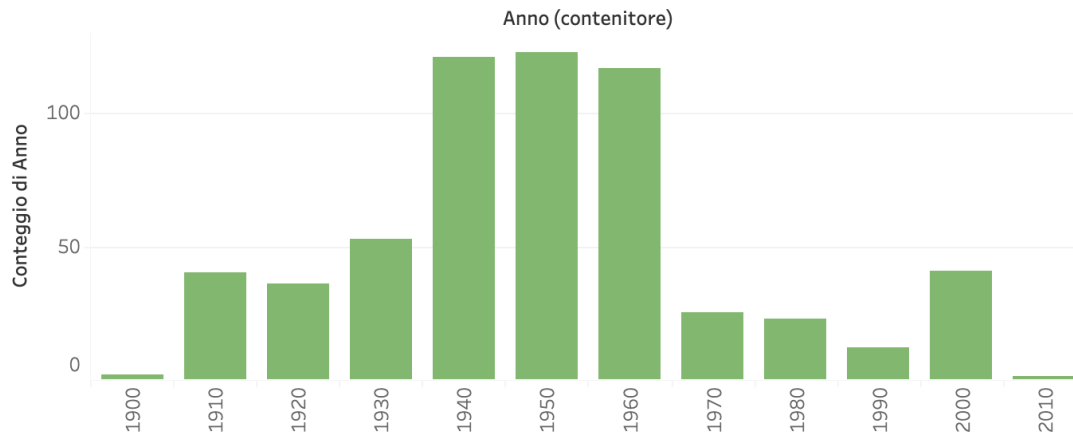
NOTE: the legend is not complete.

3. Dashboard

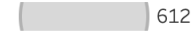
Peggy_Guggenheim_collection di [Giovanna Pichierri](#)



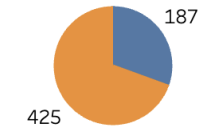
Anno



Conteggio di Stato



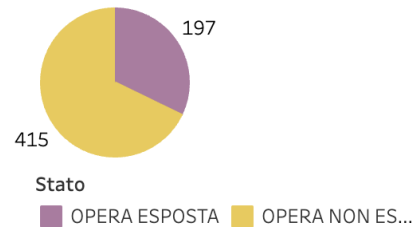
Precisione data



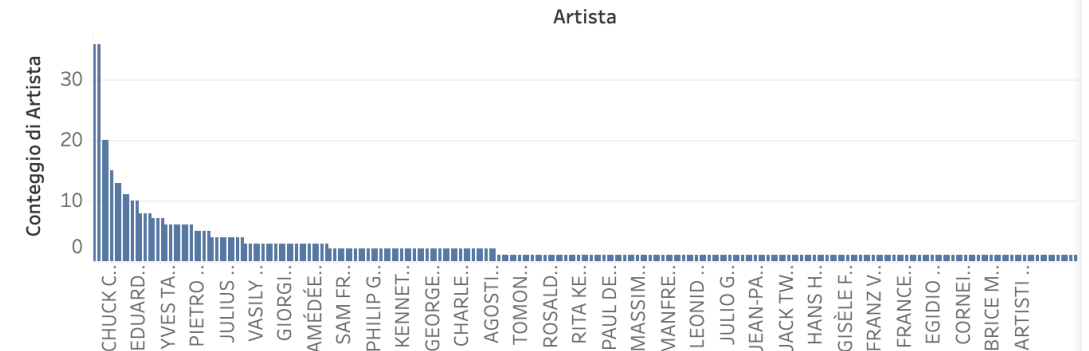
Data Info



Stato

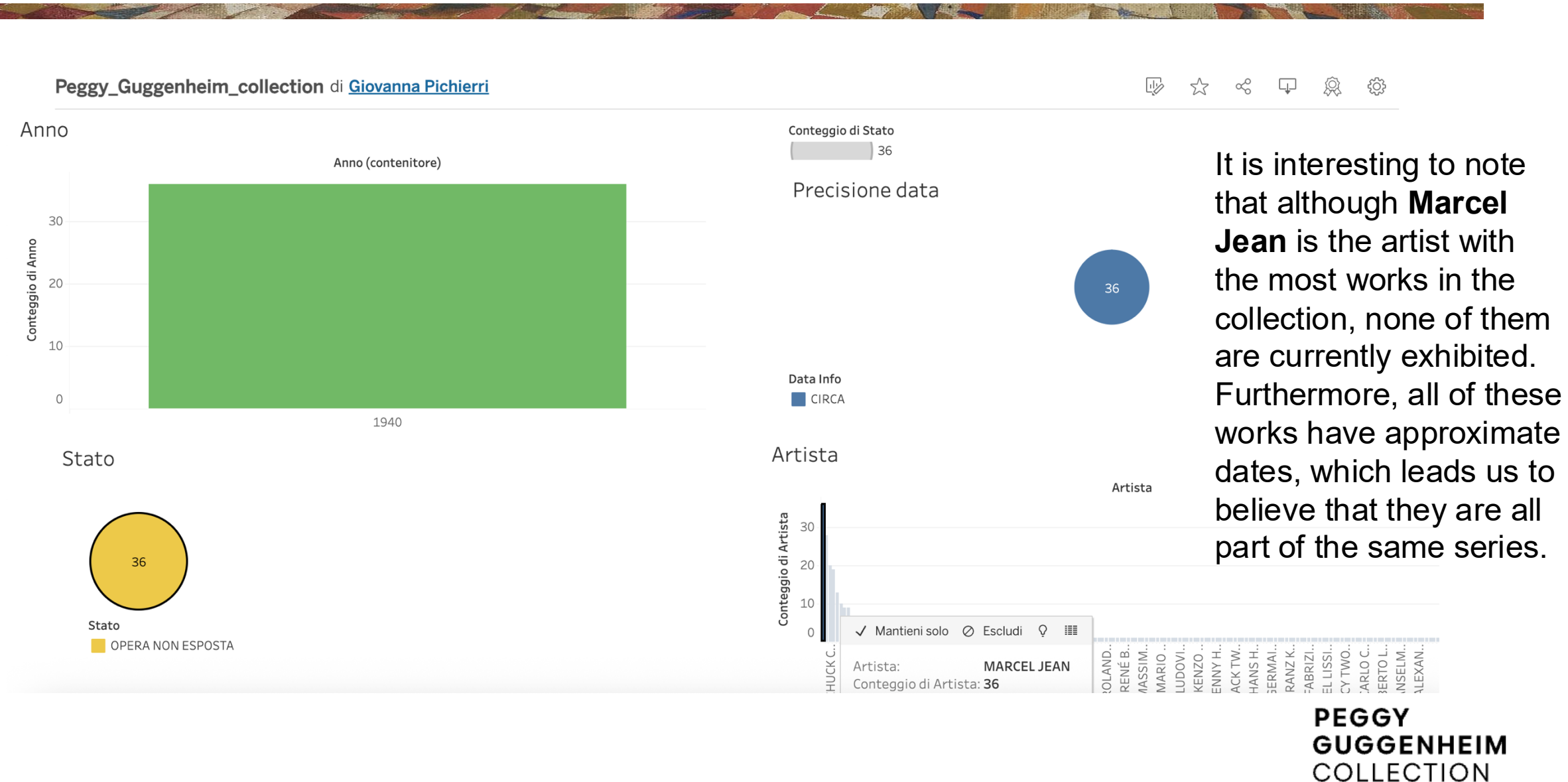


Artista



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3. Dashboard

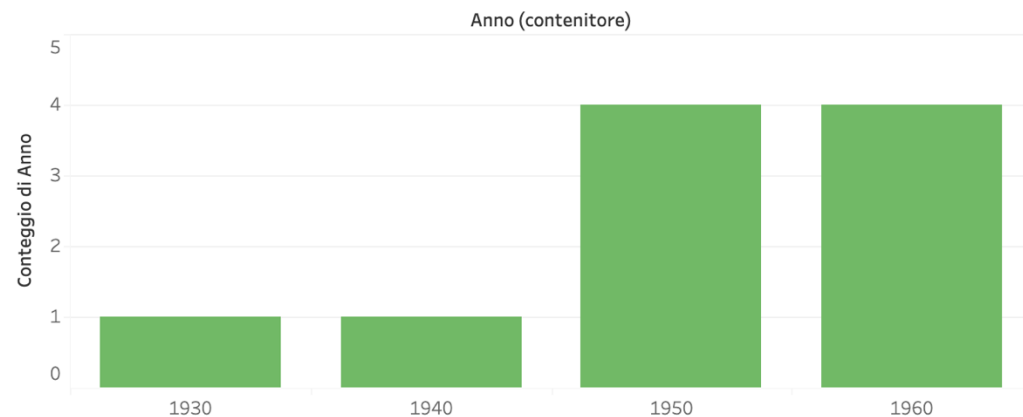


3. Dashboard

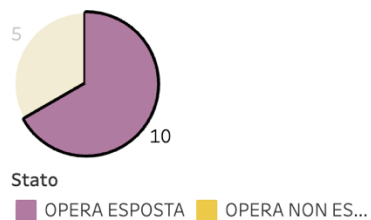
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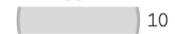
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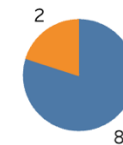
Stato



Conteggio di Stato



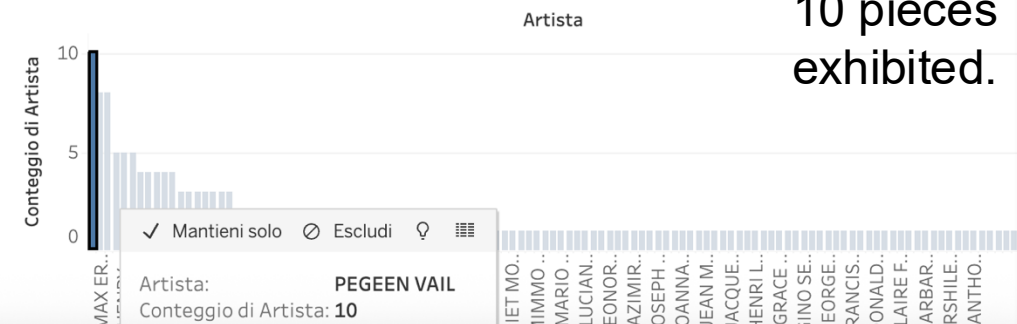
Precisione data



Data Info



Artista



The artist represented by the greatest number of works in the collection is Pegeen Vail, with 10 pieces exhibited.

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3. Dashboard



https://public.tableau.com/app/profile/giovanna.pichierri/viz/Peggy_Guggenheim_collection/Dashboard1?publish=yes



Conclusion



The analysis of the **Peggy Guggenheim Collection** offers a clear and structured overview of the museum's artistic heritage.

Through the **extraction, transformation, and loading (ETL)** process, a clean and consistent database was created, enabling deeper insights into the collection.

Key findings:

- The collection includes **612 artworks**, of which only **32.19%** are exhibited, while **67.81%** remain unseen by the public.
- Most artworks are dated between **1940 and 1960**, reflecting Peggy Guggenheim's personal collecting preferences.
- **69.44%** of the works have an **exact date**, while the rest have approximate or missing information.
- **Marcel Jean** is the most represented artist (even if not exhibited), and many pieces are attributed to **“ARTISTA NON RICONOSCIUTO”** (“Unknown Artist”), revealing gaps in cataloguing.

This study provides a **solid foundation** for future research, including **trend analysis, interactive data visualization**, and **thematic visitor pathways**.

Effective **data management and visualization** can enhance the **value and accessibility** of the collection, fostering a deeper understanding of **20th-century art**.

Next steps



A possible next step could be to integrate the collection with data from other Guggenheim locations worldwide.

This would allow for a comparative analysis of exhibition policies, curatorial strategies, and artistic trends across different museums, providing a broader perspective on how the Peggy Guggenheim Collection fits within the global context of 20th-century art.

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