

MoMA Art Explorer

Build an interactive tool to explore the artwork at the Museum of Modern Art (MoMA)

Summary of the Project:

Objective 1: Clean & Prepare the Data

1. Reviewed the data from the MoMA_OnView.xlsx file.
 2. Matched Constituent with the artist(s) to identify the creators of each artwork.
 3. Created a Clean Date column to extract the first four numeric characters from the Date column for standardized year formatting.
 4. Cleaned the OnView column by removing the "MoMA" prefix and quotation marks.
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Objective 2: Extract Artist Information

1. Created a dropdown list for artists' Nationality in alphabetical order.
 2. Developed a dependent dropdown list for Artists based on the selected nationality.
 3. Calculated:
 - The total number of artworks on display for the selected artist.
 - The earliest and latest CleanDate for the artist's works on display.
 4. Verified data accuracy by cross-checking the earliest work using the extracted CleanDate.
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Objective 3: Display Their Work

1. Created a filter to return details for the selected artist's artworks:
 - Title, CleanDate, Medium, Dimensions, Classification, Department, DateAcquired, ImageURL, and OnView.
 2. Added a new Data Validation rule allowing users to input a Min Year for filtering artworks.
 3. Incorporated the Min Year filter to display only the earliest artwork meeting the criteria.
 4. Displayed the artwork image within a cell using the ImageURL field.
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Final Validation

- **Question:** What is the title of Mexican artist Diego Rivera's earliest work on display?
- **Answer:** *Cubist Landscape*