MoMoart

MoMA Art Explorer

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

Objective 1

Clean & prepare the data

Your first objective is to clean the artwork data by looking up the artist(s) for each piece and extracting it's date of creation.

Task

Open the MoMA_OnView.xslx file and review the data in each tab

Look up the Artist for each artwork by using the ConstituentID field

Create a CleanDate column that extract the first 4 numeric characters from each Date

Clean the OnView column by removing the "MoMA" prefix and quotation marks

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Objective 2

Extract artist information

Your second objective is to create dependent dropdown lists for nationality and artist, and display their number of artworks and their earliest & latest work on display.

Task

In a new sheet, create a dropdown list with artists' Nationality in alphabetical order

Create a second, dependent dropdown list with the Artists for the selected nationality

Calculate the number of Artworks on display for the selected artist

Return the CleanDate for the earliest and latest artwork on display for the selected artist

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Objective 3

Display their work

Your final objective is to return additional information on the selected artist's earliest work after a certain date, along with the image of the artwork itself

Task

Return the Title, CleanDate, Medium, Dimensions, Classification, Department, DateAcquired, ImageURL, and OnView for each of the selected artist's artworks

Create a new data validation rule where the user can type in the Min Year to filter the selected artist's work by

Incorporate the Min Year into the filter criteria for the artwork returned

Filter and transpose the list so that you only show the details for their earliest artwork

Use the ImageURL to display the artwork inside of a cell

Final Step

Final Project Question

Answer the following question to validate your completed project.

What is the title of Mexican artist Diego Rivera's earliest work on display?

Type your answer here--

Enter your answer exactly as it appears in the data