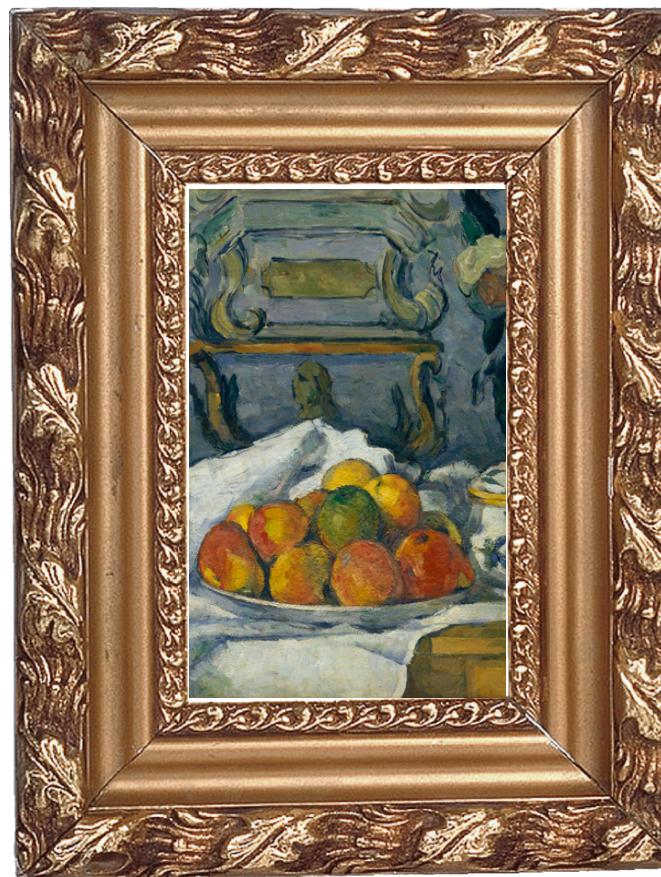


# ML Curated Exhibitions for the Met



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# Context

- Strained Workers
- Lack of Funding
- Increasing Workloads
- Unionization Effort

The New York Times

## Met Museum Employees Vote to Unionize

The bargaining unit, which includes curatorial, conservation and retail departments, could represent about half of the Met's work force.

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ARTFORUM

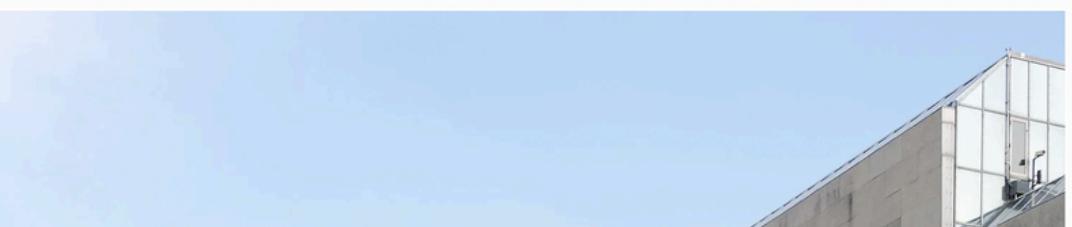


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### MET MUSEUM WORKERS VOTE TO UNIONIZE

By News Desk January 17, 2026 7:33 am



# Hypothesis

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Automated recommendation systems enable faster exhibition development by reducing curation time and effort, while maintaining exhibition quality through data-driven theme matching.

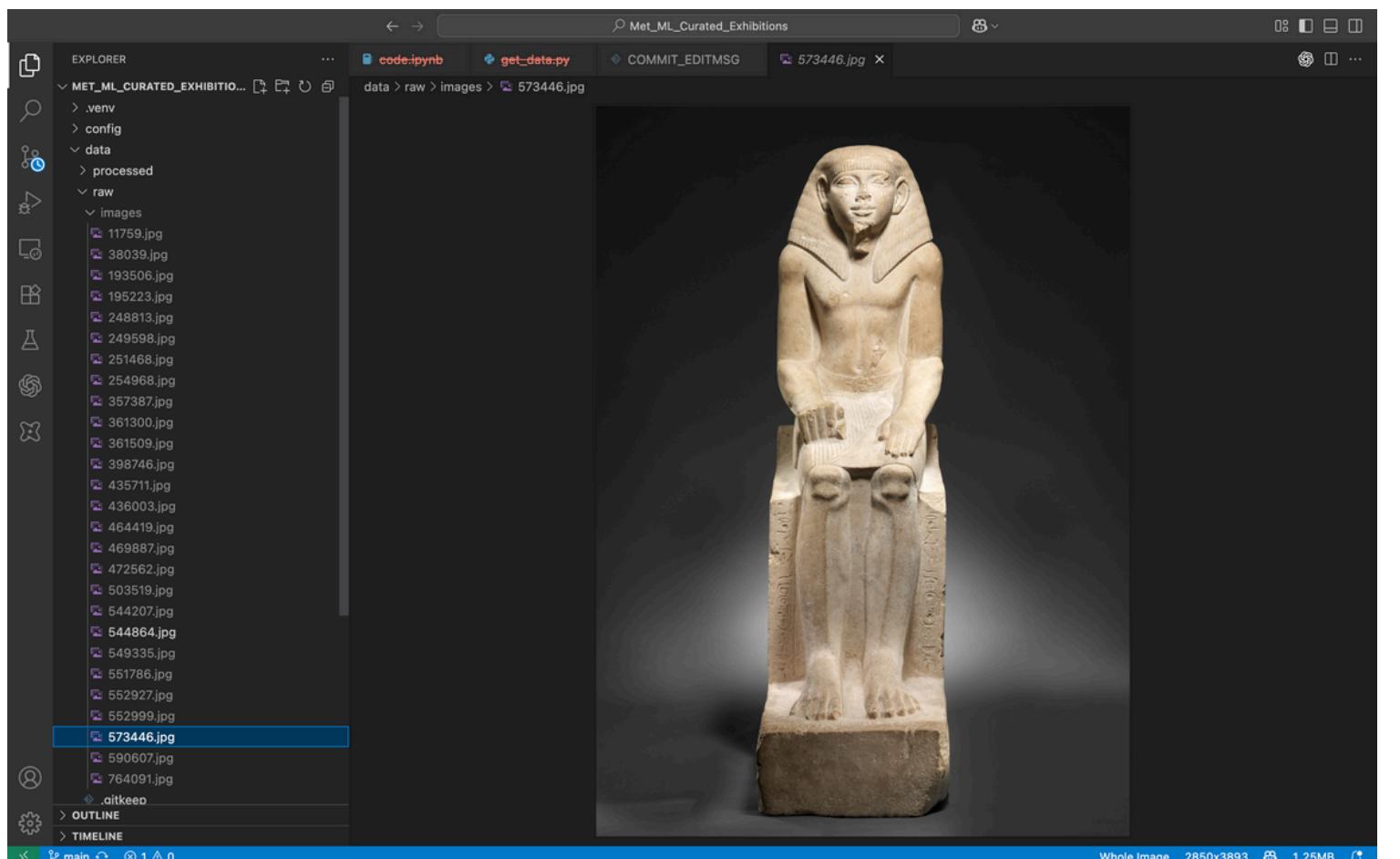
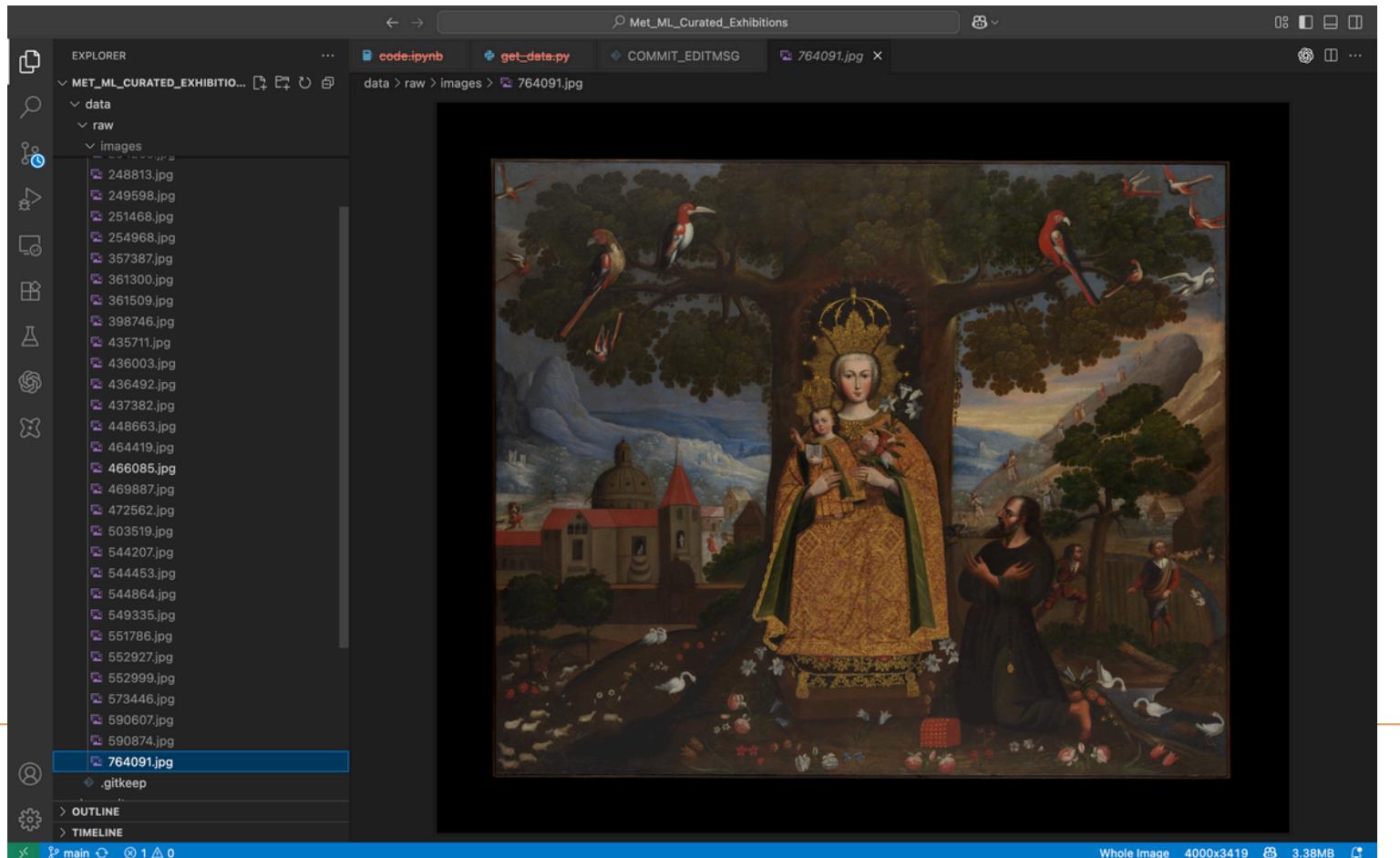
# Our Approach

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Build an automated recommendation system using Google Vision API for image analysis and natural language processing to suggest optimal artwork groupings for various themed exhibitions.

# Data

- Met Art Collection API
  - +1400 jpeg images of art pieces
  - Corresponding Meta Data
    - Medium
    - Department (Category)
    - Type (Painting, Sculpture,...)
    - Artist, Year, Region



# GitHub

- GitHub Repo

Met\_ML\_Exhibitions Public Watch

main 1 Branch 0 Tags Go to file Add file Code

andreaevreug Update team information and documentation 14763f1 · 32 minutes ago 3 Commits

config Initial project setup: directory structure, modules, and Streamlit app 35 minutes ago

data Initial project setup: directory structure, modules, and Streamlit app 35 minutes ago

docs Update team information and documentation 32 minutes ago

notebooks Update team information and documentation 32 minutes ago

scripts Initial project setup: directory structure, modules, and Streamlit app 35 minutes ago

src Initial project setup: directory structure, modules, and Streamlit app 35 minutes ago

tests Initial project setup: directory structure, modules, and Streamlit app 35 minutes ago

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romane-lg / Projects / Met\_ML\_Project

Met\_ML\_Project

View 1 + New view

Filter by keyword or by field

Todo 10 This item hasn't been started

Met\_ML\_Exhibitions #3 Extract Image Features

Met\_ML\_Exhibitions #6 Combine Features

Met\_ML\_Exhibitions #7 Build Recommendation Engine

Met\_ML\_Exhibitions #8 Implement Clustering

Met\_ML\_Exhibitions #9 Model Evaluation

Met\_ML\_Exhibitions #10 Update Streamlit App

Met\_ML\_Exhibitions #11 Write Unit Tests

Met\_ML\_Exhibitions #12 Create Analysis Notebooks

Met\_ML\_Exhibitions #13 Final Documentation

In Progress 2 This is actively being worked on

Met\_ML\_Exhibitions #2 Google Vision API Setup

Met\_ML\_Exhibitions #4 Extract Text Features

Done 3 This has been completed

Met\_ML\_Exhibitions #15 Set Up GitHub Project Board

Met\_ML\_Exhibitions #1 Repository & Environment Setup

Met\_ML\_Exhibitions #5 Extract Data from MET API

m of Art exhibition planners automatically

The image shows a GitHub repository named 'Met\_ML\_Exhibitions' with a public status. It displays three recent commits from 'andreaevreug' made 32 minutes ago, each updating team information and documentation. Below the commits is a GitHub Project Board titled 'Met\_ML\_Project' under 'romane-lg / Projects'. The board has three columns: 'Todo' (10 items), 'In Progress' (2 items), and 'Done' (3 items). The 'Todo' column contains tasks like 'Extract Image Features', 'Combine Features', and 'Build Recommendation Engine'. The 'In Progress' column contains 'Google Vision API Setup' and 'Extract Text Features'. The 'Done' column contains 'Set Up GitHub Project Board', 'Repository & Environment Setup', and 'Extract Data from MET API'. At the bottom of the project board, there is a note: 'm of Art exhibition planners automatically'.