A Functional Art Gallery

An intuitive way of displaying relationships in art

PaintRelVis

Group B1

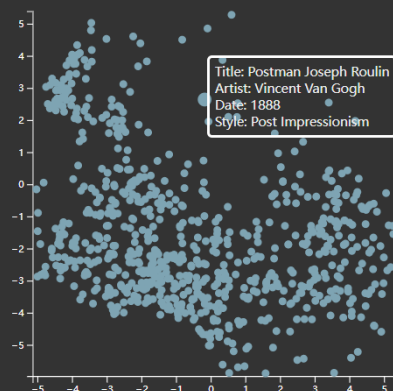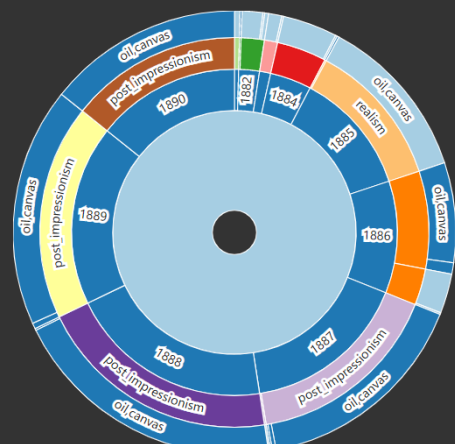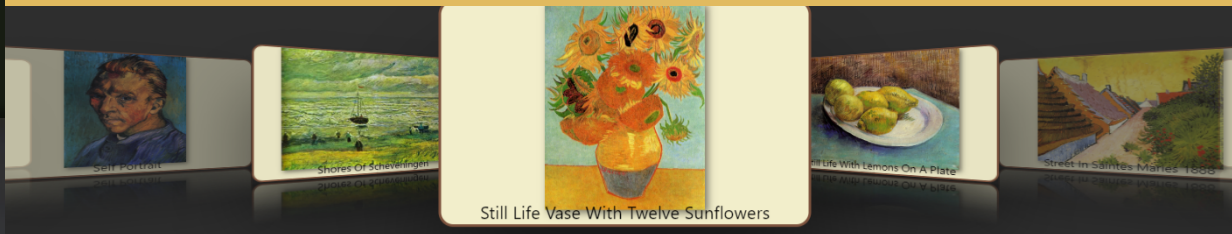|	
Mark Alence.	13771272
Ruijia Lei.	13823612
Zeyang Zhang.	14121875
Yuxiang Wang.	13512382
Joris Hijstek.	11876980

The paintings that are in the currently specified subset are displayed in a carousel (or a toggleable grid)

Carousel ○ Grid

Filters

Date:
Select...

End Date:
Select...

Artist Name:
Vincent Van Go...

Artist Nationality:
Select...

Style:
Select...

Tags:
Select...

Media:
Select...

Image Name:
Select...

Still Life Vase With Twelve Sunflowers

Title: Postman Joseph Roulin
Artist: Vincent Van Gogh
Date: 1888
Style: Post Impressionism

Specify filters like date, painter, and style

Charts

Icicle | Sunburst | Circlepack

Make your choice of one of three visualizations

Levels

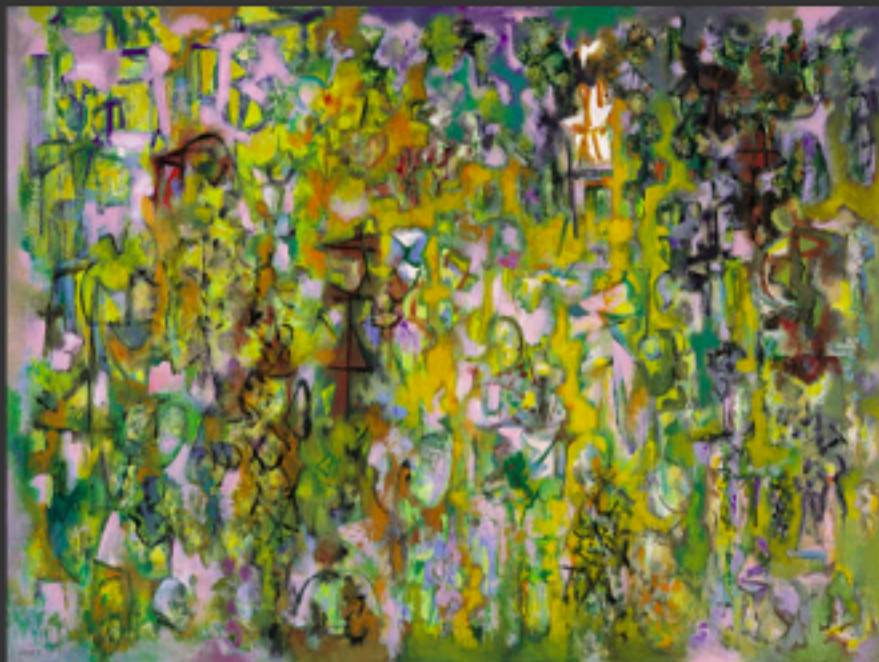Date | Style | Media
1 | 2 | 3
Artist Name | Artist Nationality | Tags
Image

Specify the hierarchy of the visualization

Interactive chart enables on-the-fly filtering
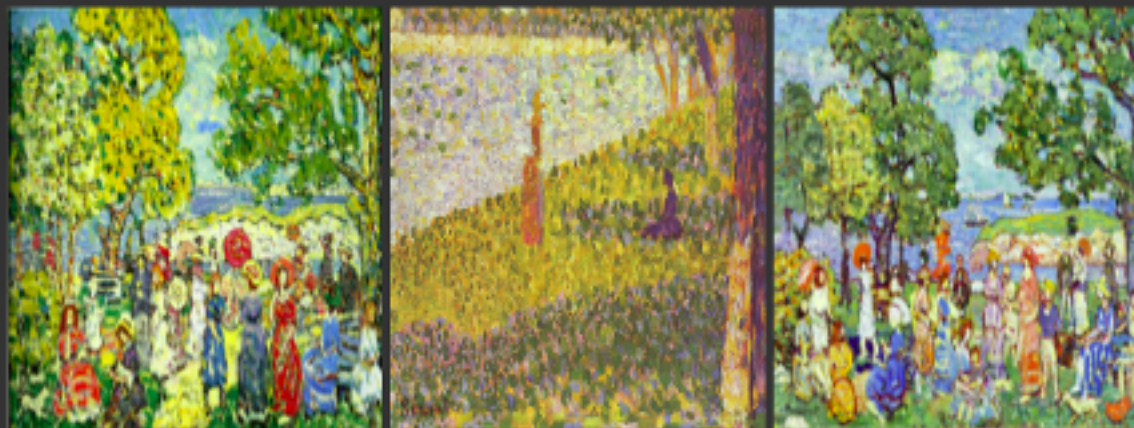
UMAP Scatterplot of the painting embeddings

Clicking on an image displays the most similar images in the entire dataset.