

# Artistic Visual Storytelling - Dataset

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May 31, 2023



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# Artistic Visual Storytelling

- Dataset consists of approximately 23k paintings.
- Paintings' related metadata, i.e. creation date, artist attributed, stylistic movement etc.
- Computing pairwise cosine similarity on the paintings' embeddings/learned representations (based on a model trained for a tag prediction task).
- First prior/subsequent neighbors based on:
  - ▶ Outside and inside stylistic movements.
  - ▶ Over time and/or using temporal slicing, e.g. 10 years, 10 to 20 years etc.
- Goal: Traversing through the collection using first neighbors.

# Artistic Visual Storytelling (Example)



Artist: Andy Warhol

Style: Pop Art

Date: 1964

# Artistic Visual Storytelling (Example)

Artist: Henri Matisse

Style: Post Impressionism

Date: 1917



# Artistic Visual Storytelling (Example)

Artist: Theo Van Doesburg

Style: Expressionism

Date: 1915



# Artistic Visual Storytelling (Example)

Artist: Henri Matisse

Style: Fauvism

Date: 1906

# Artistic Visual Storytelling (Example)

Artist: Pierre Auguste Renoir

Style: Impressionism

Date: 1878

# Artistic Visual Storytelling (Example)

Artist: Dante Gabriel Rossetti

Style: Romanticism

Date: 1867



# Artistic Visual Storytelling (Example)

Artist: Raphael

Style: High Renaissance

Date: 1515

# Artistic Visual Storytelling (Example)

Artist: Albrecht Durer

Style: Northern Renaissance

Date: 1505

# Artistic Visual Storytelling (Example)

Artist: Domenico Ghirlandaio

Style: Early Renaissance

Date: 1490

# Artistic Visual Storytelling (Example)

Artist: Hans Memling

Style: Northern Renaissance

Date: 1472

# Artistic Visual Storytelling (Example)

Artist: Filippo Lippi

Style: Early Renaissance

Date: 1440

# Artistic Visual Storytelling (Example)

Artist: Rogier Van Der Weyden

Style: Northern Renaissance

Date: 1435

# Artistic Visual Storytelling (Example)

Artist: Masaccio

Style: Early Renaissance

Date: 1425

# Artistic Visual Storytelling (Example)

Artist: Robert Campin

Style: Northern Renaissance

Date: 1415



If you use this dataset, please cite it as below:

Efthymiou, A.; Rudinac, S.; Kackovic, M.; Worring, M.; Wijnberg, N.M. (2023): Artistic Visual Storytelling. University of Amsterdam / Amsterdam University of Applied Sciences. Dataset.  
<https://doi.org/10.21942/uva.20050970.v1>