

ArtiVisual: a novel type of art

An interactive User Environment for Generating New Art Pieces using a Generative Adversarial Network (GAN)

Abe Vos
Dylan Prins
Jonathan van Westendorp
Lucas Lageweg
Jardenna Mohazzab



UNIVERSITY OF AMSTERDAM

Supervisor:
Aritra Bhowmik

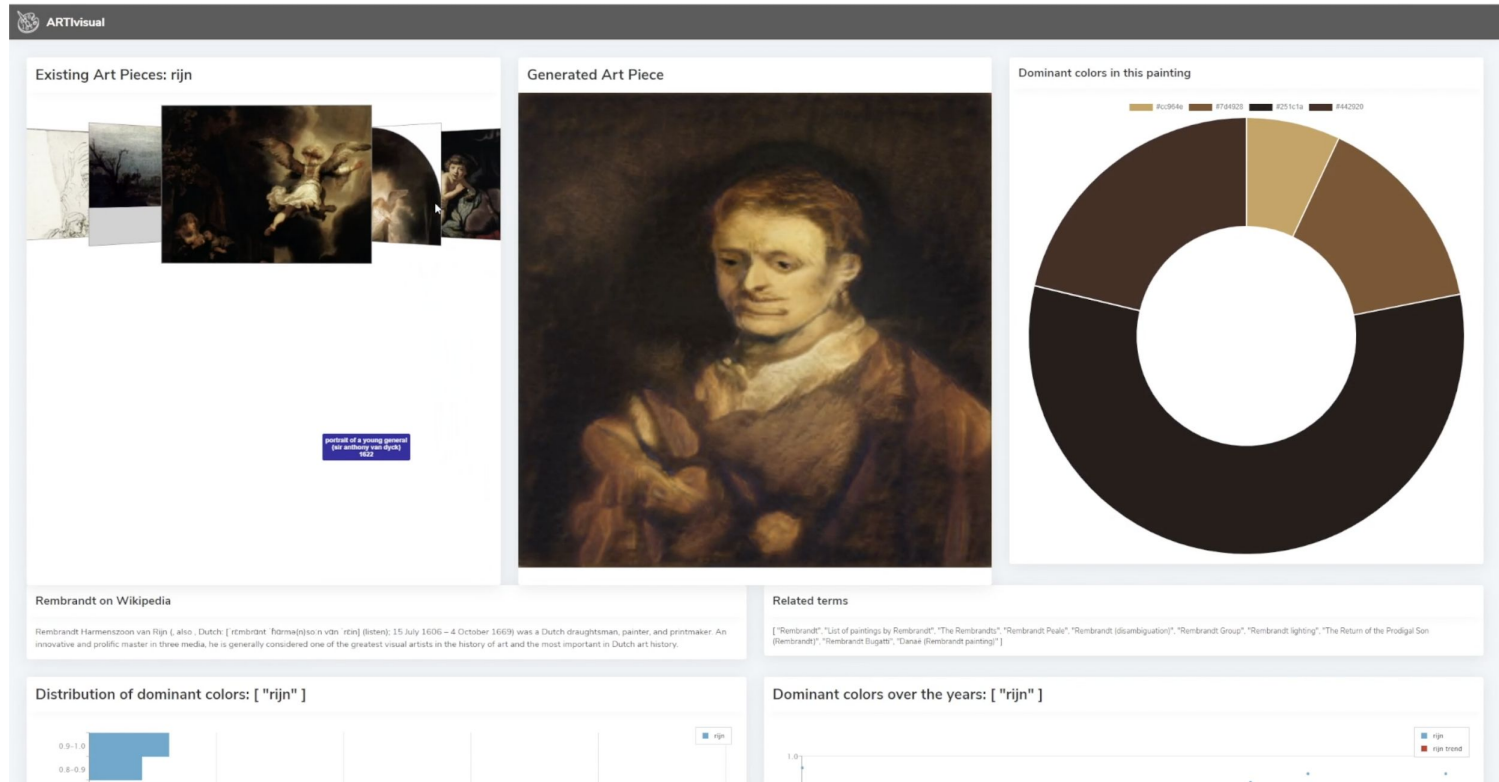
Group: 22

Interactive timeline

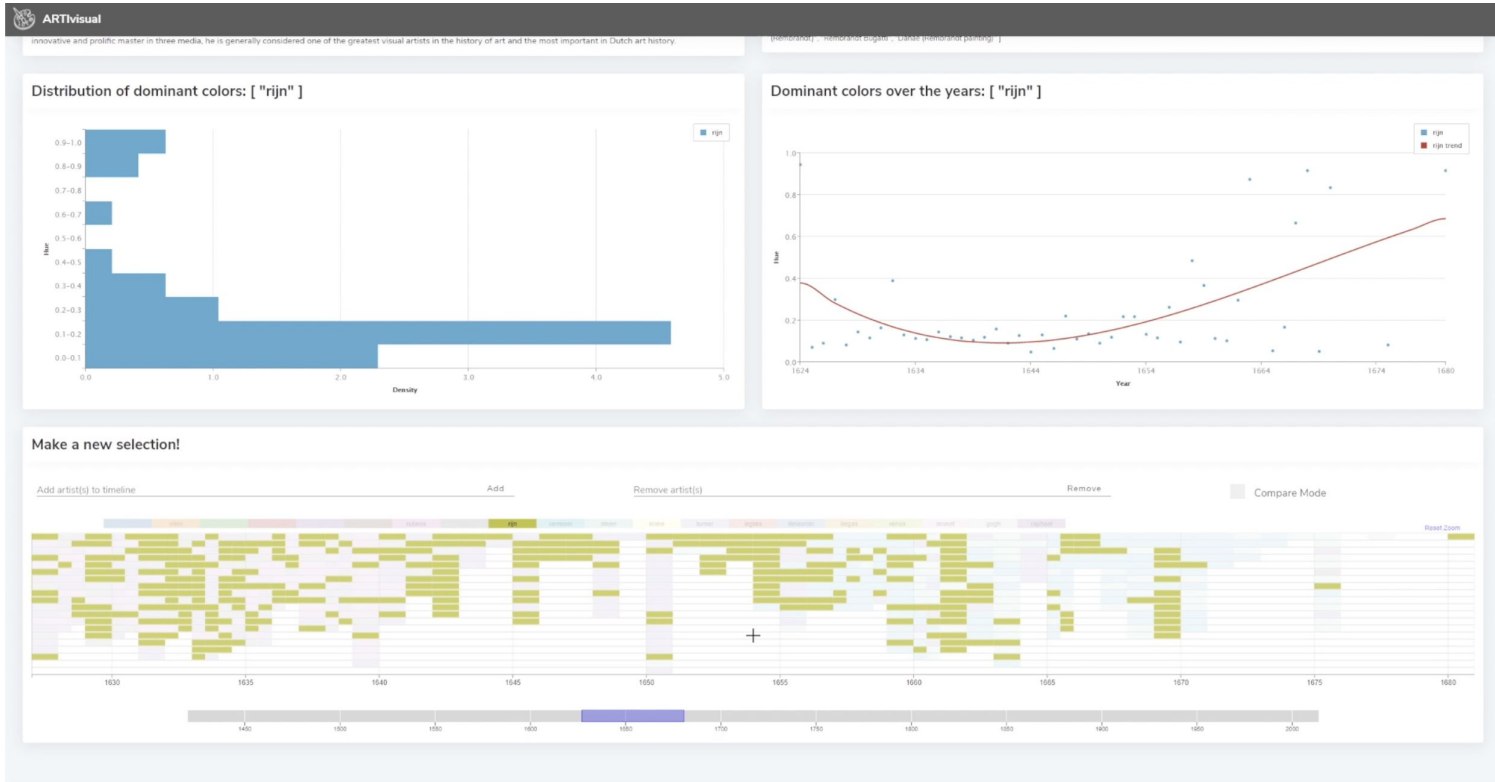


Experiment 1:

Generate based on Artist: Rembrandt van Rijn



Rembrandt van Rijn: distribution of dominant color



ARTVisual

Existing Art Pieces: alciato

Dominant colors in this painting

#f0c96d #493720 #805431 #15100b

Baroque on Wikipedia

The Baroque (UK, US; French (baro*ck*)) is a style of architecture, music, dance, painting, sculpture and other arts that flourished in Europe from the early 17th century until the 1740s. In the territories of the Spanish and Portuguese empires including the Iberian Peninsula it continued, together with new styles, until the first decade of the 1800s.

Related terms

["Baroque", "Baroque music", "Baroque architecture", "Baroque pop", "Baroque pearl", "Baroque painting", "The Baroque Cycle", "Baroque horse", "Baroque (disambiguation)", "Baroque Revival architecture"]

Make a new selection!

Add artist(s) to timeline

Add

Remove artist(s)

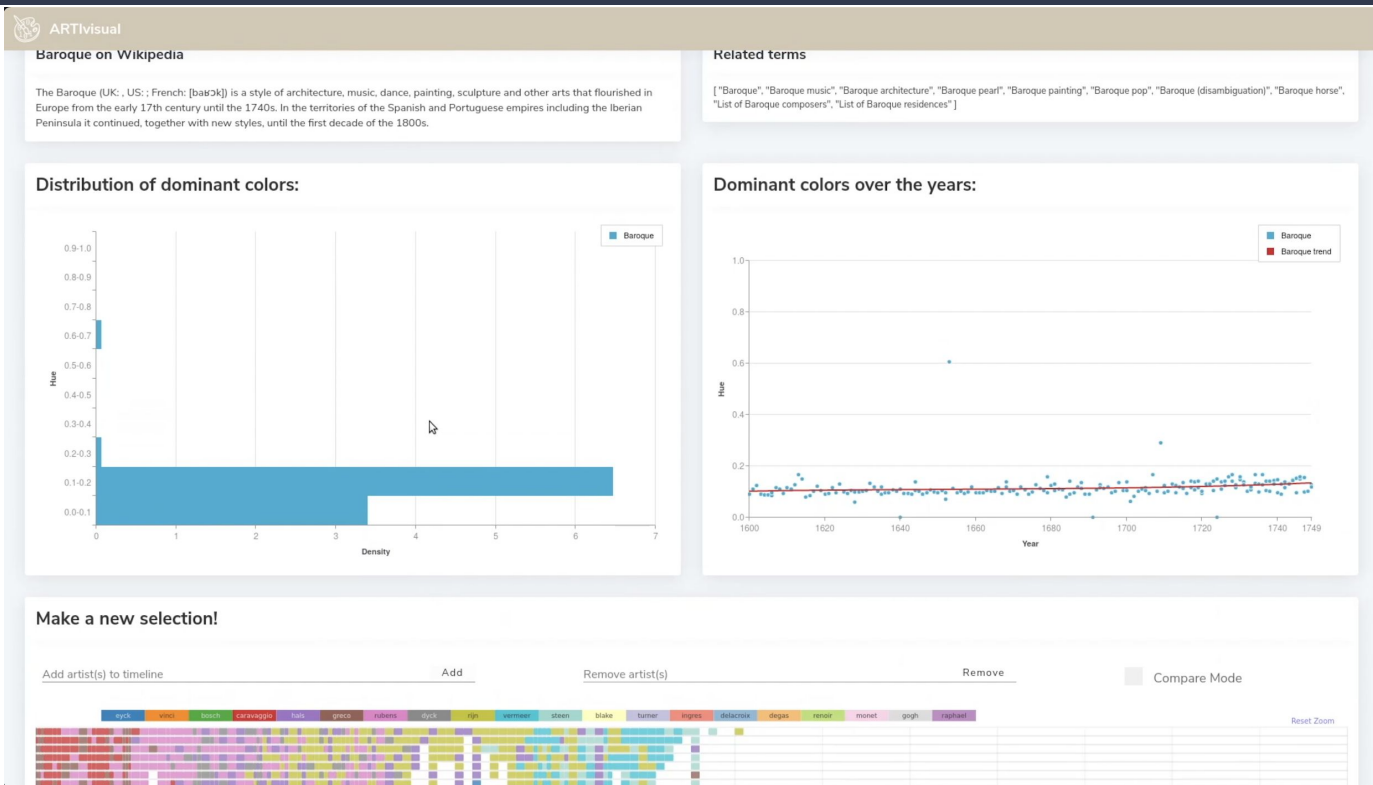
Remove

Compare Mode

[style](#)
[color](#)
[brush](#)
[composition](#)
[style](#)
[genre](#)
[period](#)
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Reset Zoom

Baroque: distribution of dominant color




Experiment 3:

Compare two artists: Monet and Van Gogh




ARTVisual

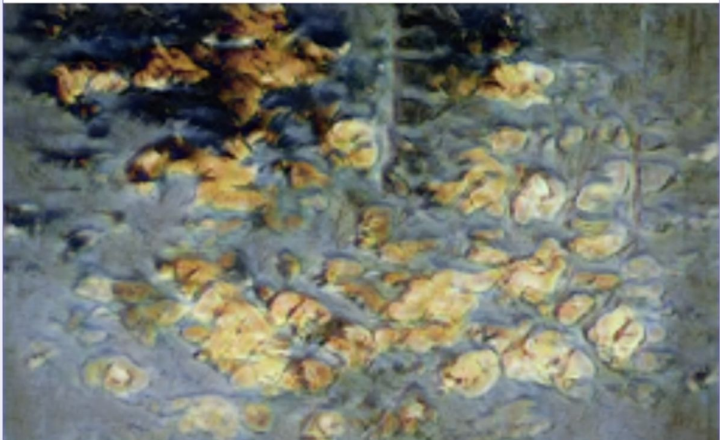
Existing Art Pieces: monet



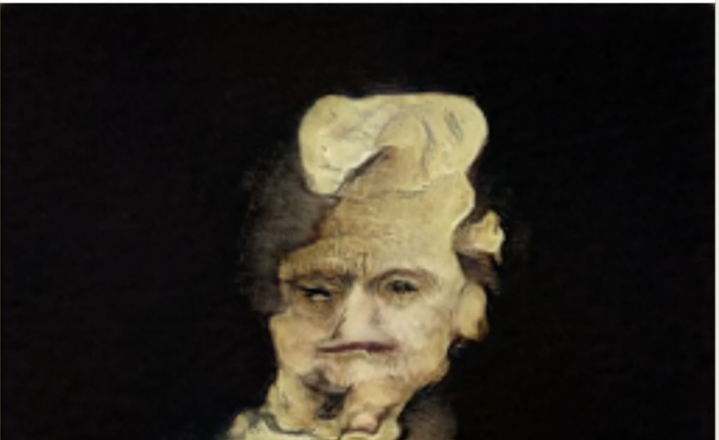
Existing Art Pieces: gogh



Generated Art Piece



Generated Art Piece



Monet and Van Gogh info and dominant colours

monet on Wikipedia

Oscar-Claude Monet (UK, US, French: [kloɔd mɔ̃nɛ]; 14 November 1840 – 5 December 1926) was a French painter, a founder of French Impressionist painting and the most consistent and prolific practitioner of the movement's philosophy of expressing one's perceptions before nature, especially as applied to plein air landscape painting. The term "Impressionism" is derived from the title of his painting *Impression, soleil levant* (Impression, Sunrise), which was exhibited in 1874 in the first *Salon des Refusés* (exhibition of rejects) mounted by Monet and his associates as an alternative to the *Salon de Paris*. Monet's ambition of documenting the French countryside led him to adopt a method of painting the same scene many times in order to capture the changing of light and the passing of the seasons.

Related terms monet

[*"Claude Monet"*, *"Victoria Monet"*, *"Monet (disambiguation)"*, *"Daniella Monet"*, *"Monet (name)"*, *"Monet Plaza"*, *"Monet X Change"*, *"Water Lilies (Monet series)"*, *"The Magpie (Monet)"*, *"Haystacks (Monet series)"*]

Vincent van Gogh on Wikipedia

Vincent Willem van Gogh (Dutch: [ˈvɪnsənt ˈɪləm vɑɪ ˈɔx] (listen); 30 March 1853 – 29 July 1890) was a Dutch post-impressionist painter who posthumously became one of the most famous and influential figures in the history of Western art. In a decade, he created about 2,100 artworks, including around 860 oil paintings, most of which date from the last two years of his life.

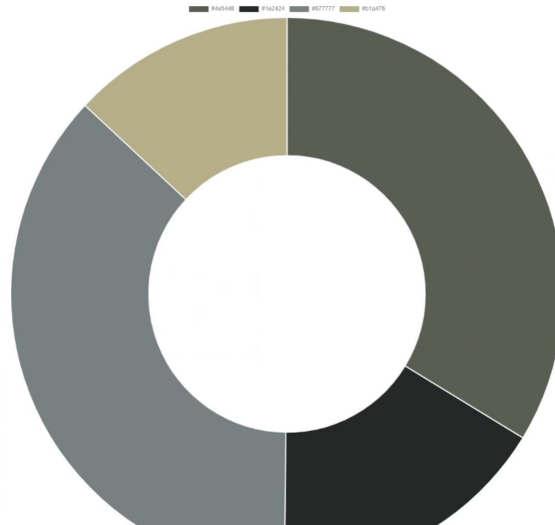
Related terms Vincent van Gogh

[*"Vincent van Gogh"*, *"Death of Vincent van Gogh"*, *"Portraits of Vincent van Gogh"*, *"Health of Vincent van Gogh"*, *"List of works by Vincent van Gogh"*, *"Theo van Gogh (art dealer)"*, *"Van Gogh Museum"*, *"Johanna van Gogh-Songer"*, *"Sunflowers (Van Gogh series)"*, *"Portraits by Vincent van Gogh"*]

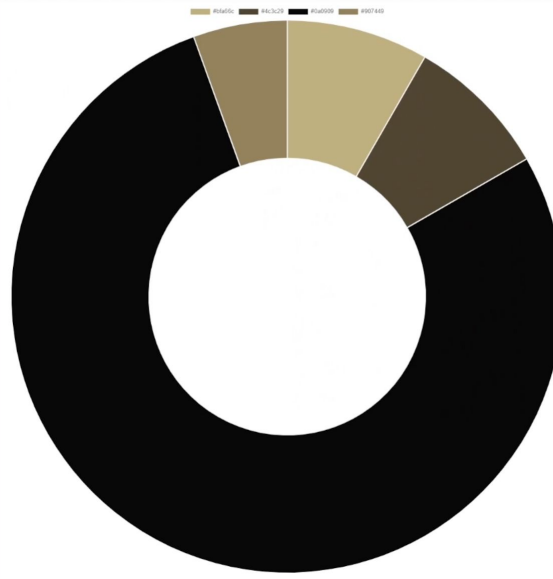


To the *Salon de Paris*, Monet's ambition of documenting the French countryside led him to adopt a method of painting the same scene many times in order to capture the changing of light and the passing of the seasons.

Dominant colors in this painting

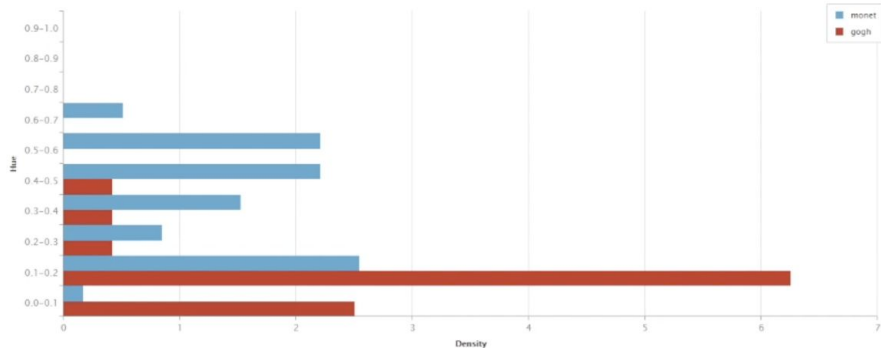


Dominant colors in this painting

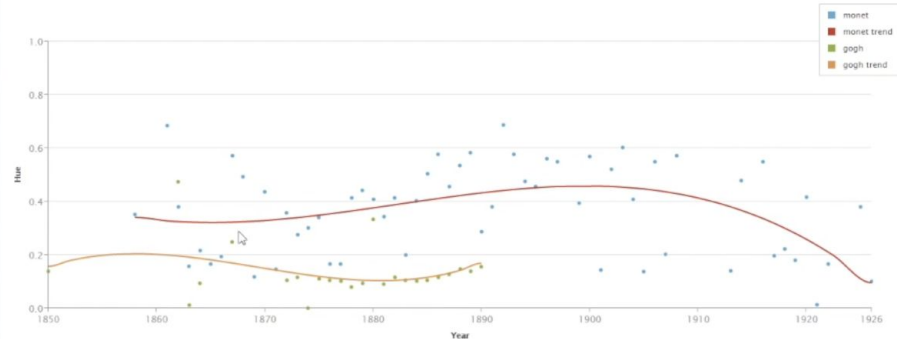


Monet and van Gogh distribution of dominant color

Distribution of dominant colors: ["monet", "gogh"]



Dominant colors over the years: ["monet", "gogh"]



After the deadline

- We are submitting this project to the ACM Multimedia 2021 conference under supervision of Aritra Bhowmik.
- Contact us:
- jardenna.nl@gmail.com
- mrjonathanvw@gmail.com
- dylanjoepprins@gmail.com
- abe_vos@msn.com
- lucaslagueweg@gmail.com