

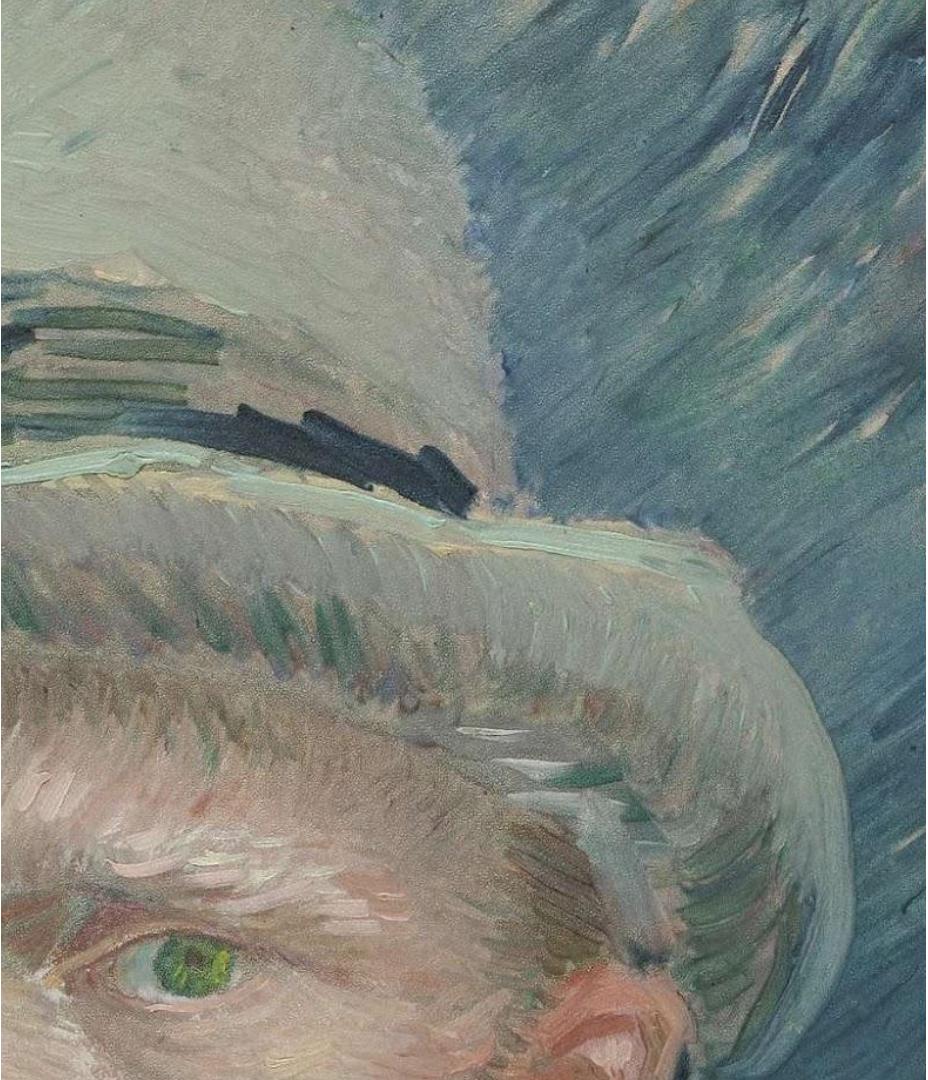
RIJKSVIZ

LES
ARTISTES

JOHN HWONG | KATE McMANUS | PIERRE AMELOT

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INTRO



BACKGROUND AND MOTIVATION

ART IS AN EXPRESSION OF LIFE AND OF IMMEASURABLE CULTURAL VALUE TO SOCIETY. AS HCI DESIGNERS, WE WANTED TO BRING ART AND TECHNOLOGY CLOSER TOGETHER.



WHAT HELPS MAKES THIS POSSIBLE ARE RECENT TRENDS IN THE DIGITIZATION OF ART, SPEARHEADED BY SUCH INITIATIVES SUCH AS GOOGLE ARTS AND CULTURE.

BACKGROUND AND MOTIVATION (CONT'D)

THE DIGITIZATION OF ART IS ALSO ONE SOLUTION TO A SIGNIFICANT PROBLEM REGARDING THE STORAGE AND NON-DISPLAY OF THE MAJORITY OF A MUSEUM'S COLLECTION.

THE FINE ART WAREHOUSE

Museums are keeping a ton of the world's most famous art locked away in storage



PURPOSE

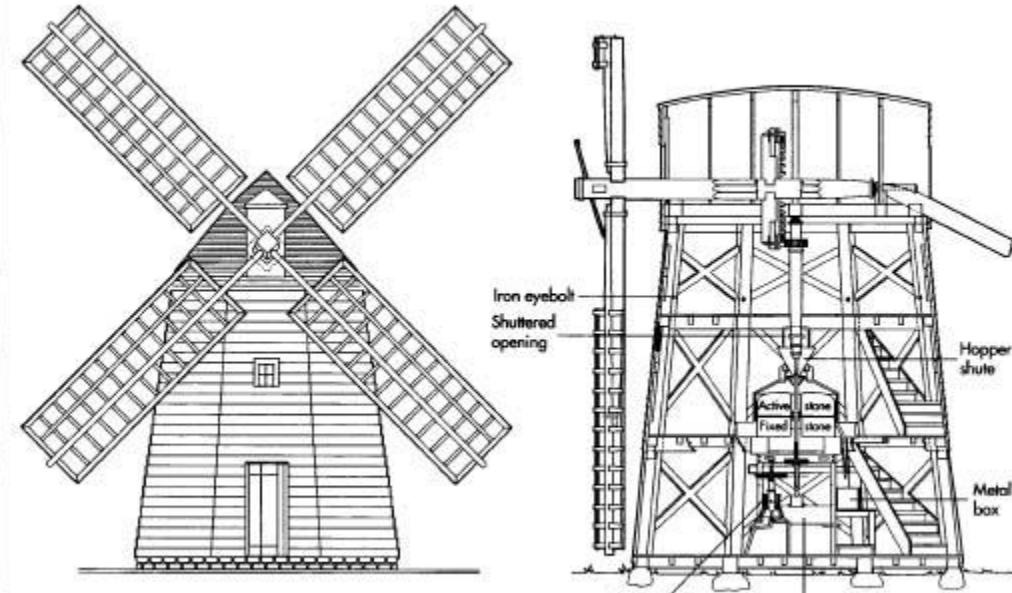
WE WANT TO ENABLE CASUAL ART-GOERS
TO DIGITALLY EXPLORE THE RIJKSMUSEUM
IN WAYS THAT HAVE NOT BEEN DONE
BEFORE.



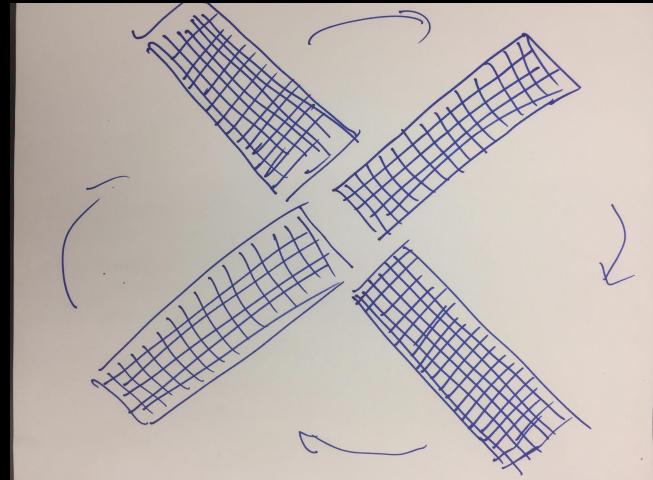
INSPIRATION AND INITIAL DESIGNS



DUTCH ICONS

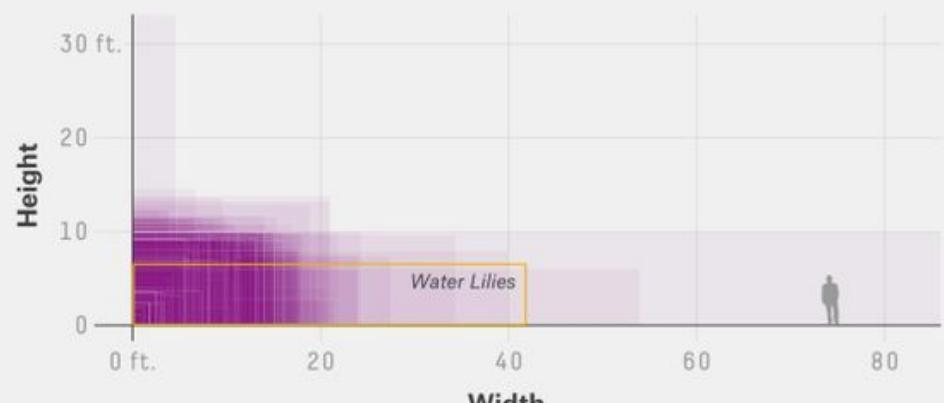


SKETCHES



COLOR AND SIZE

Every MoMA Painting By Size



FIVETHIRTYEIGHT

SOURCE: THE MUSEUM OF MODERN ART



DATA

WE ARE USING THE RIJKSMUSEUM API
([HTTPS://WWW.RIJKSMUSEUM.NL/EN/API](https://www.rijksmuseum.nl/en/api)). THIS JSON-BASED SERVICE PROVIDES US WITH ACCESS TO NEARLY 600,000 UNIQUE ART PIECES AND THEIR CHARACTERISTICS INCLUDING, BUT NOT LIMITED TO:

- DIMENSIONS
- MATERIALS
- ARTIST
- DATE CREATED
- STYLE

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Dating Period: 17 Title: Portrait; Five-Javanese On Display: FALSE
Acquisition keywords: Loan; Purchased; Gift Normalized Color: Nothing Search Painting

URL: <https://www.rijksmuseum.nl/api/en/collection?>
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Count: 34

Militia Company of District II under the Command of Captain Frans Banninck Cocq, Known as the 'Night Watch'
Rembrandt Harmensz van Rijn (1606–1669), oil on canvas, 1642



Resolution: 2500 x 2034 Offset% X: 50, Offset% Y: 100

Colors



Colors w/ Normalization



Normalized 32 Colors



Normalized Colors



Painter

Name
Rembrandt Harmensz. van Rijn

Birth
1606-07-15
Leiden

Death
1669-10-08
Amsterdam

Nationality
Noord-Nederland

Production Places
- Amsterdam

Painting

ID
SK-C-5

Types
- painting

Date
1642 - 1642

Materials
- canvas
- oil paint (paint)

Physical Medium
oil on canvas

Dimensions

height: 379.5 cm
width: 453.5 cm
weight: 337 kg
weight: 170 kg

Occupations

- print maker
- draughtsman
- painter

Roles

- painter

Production Places

- Amsterdam

Acquisition

On loan from the City of Amsterdam
December 1807
null

Tags

- warfare; military affairs (+ citizen
soldier, civil guard, citizen militia)

DATA PROCESSING

THE PRIMARY CHALLENGE WITH THE DATA WAS THE SHEER AMOUNT AVAILABLE TO US. WE WERE ABLE TO BETTER ORGANIZE THE TREASURE TROVE OF INFORMATION BY BUILDING INTERMEDIARY TOOLS IN WHICH WE CAN EXTRACT COLOR, SEARCH, AND DISPLAY IMPORTANT DETAILS FROM THE MUSEUM'S ENTIRE COLLECTION OF ART.

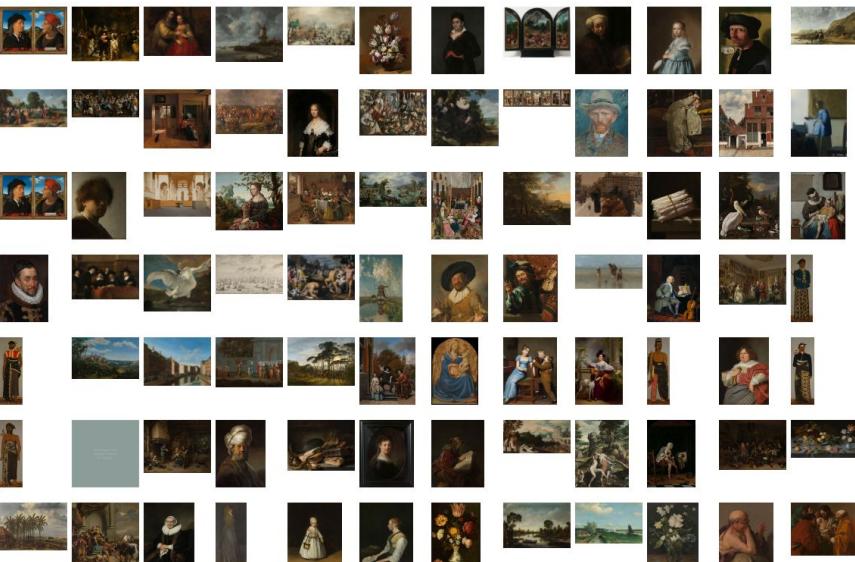
DATA PROCESSING (CONT'D)

Type: painting Involved Maker: Rembrandt+Harmensz. van Rijn Img Only: True Query:

Dating Period: 17 Title: Portrait; Five+Javanese On Display: FALSE Sort by: chronological

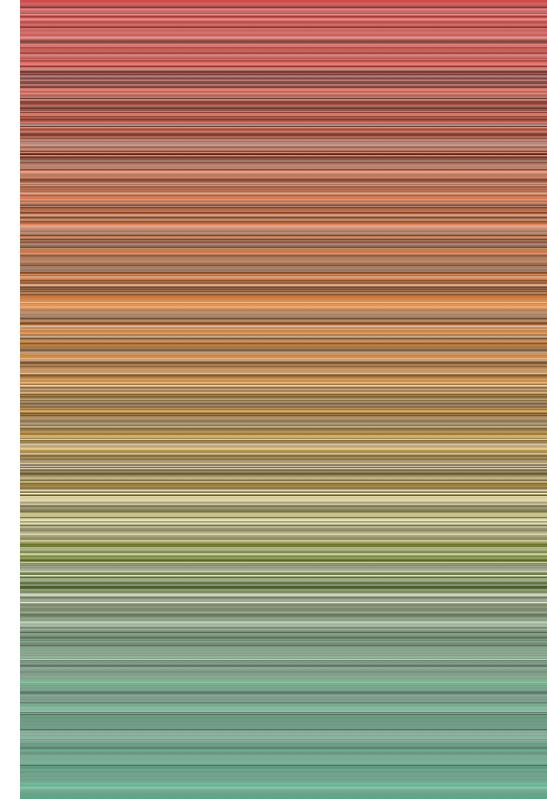
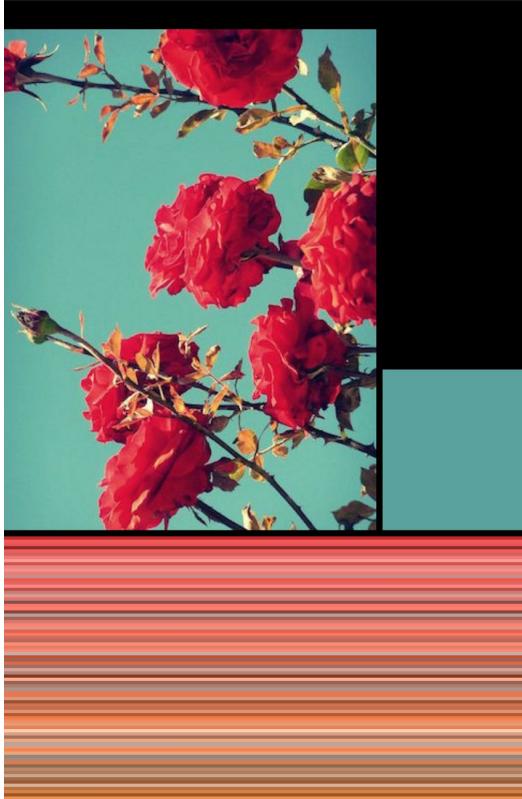
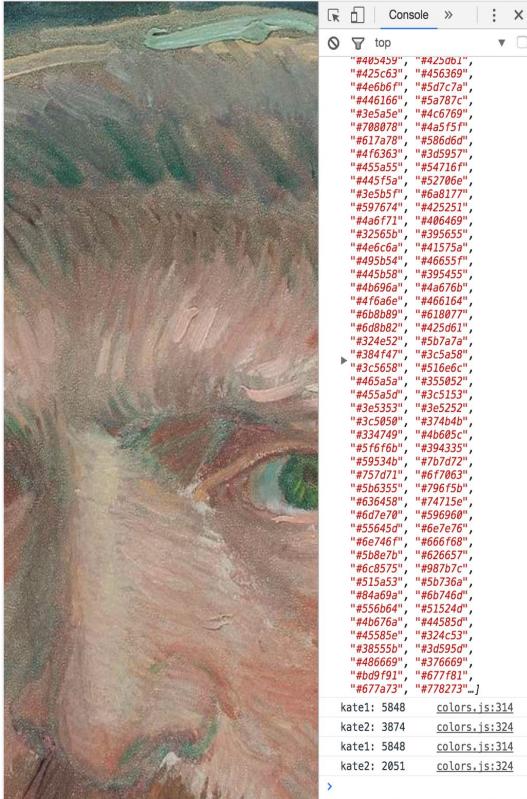
Acquisition keywords: Loan; Purchased; Gift Normalized Color: Nothing

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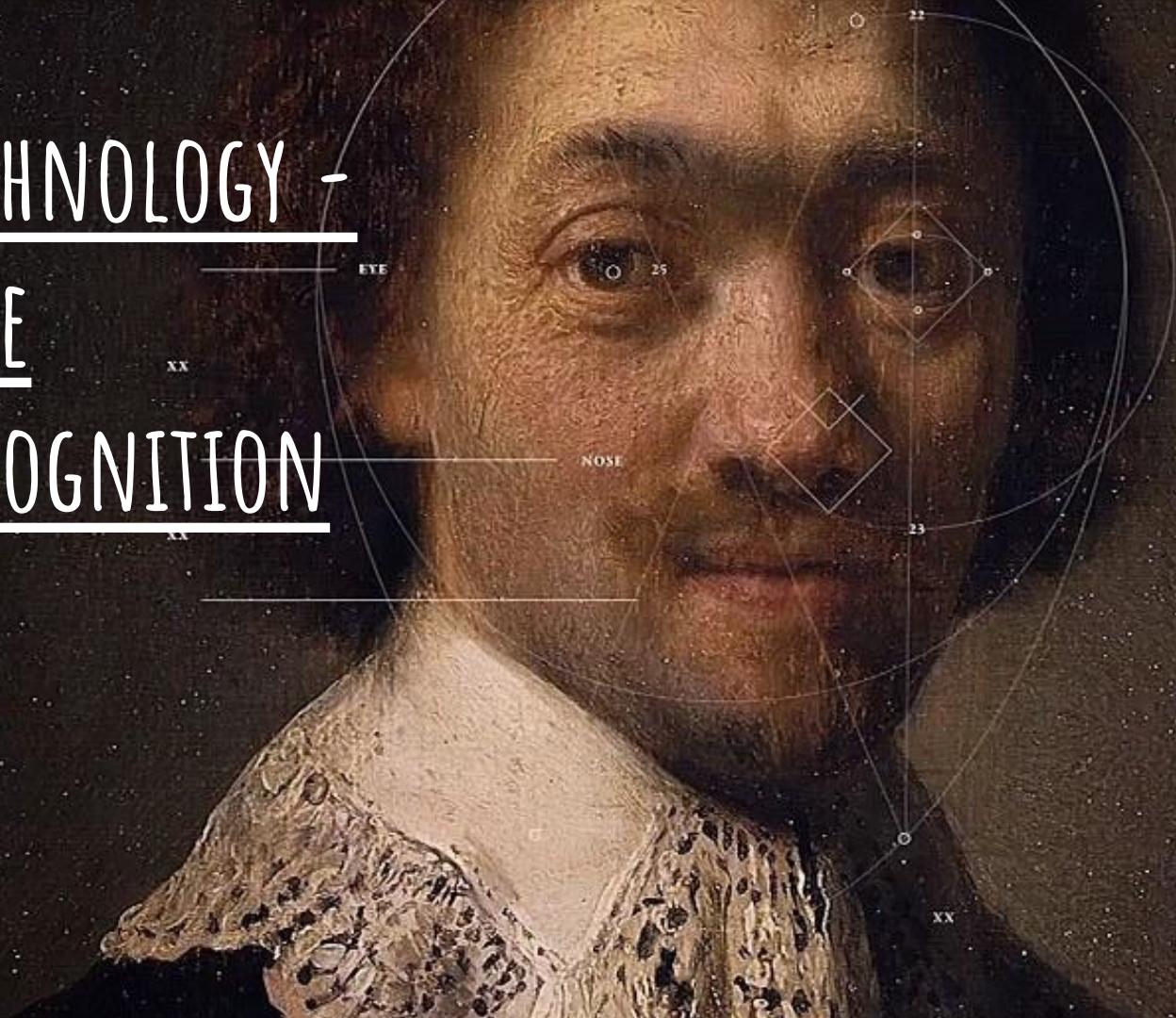


Painter	Painting
Name Rembrandt Harmensz. van Rijn	ID SK-C-5
Birth 1606-07-15 Leiden	Types - painting
Death 1669-10-08 Amsterdam	Date 1642 - 1642
Nationality Noord-Nederland	Materials - canvas - oil paint (paint)
Production Places - Amsterdam	Physical Medium oil on canvas
Occupations - print maker - draughtsman - painter	Dimensions height: 379.5 cm width: 453.5 cm weight: 337 kg weight: 170 kg
Roles - painter	Production Places - Amsterdam
	Acquisition On loan from the City of Amsterdam December 1807

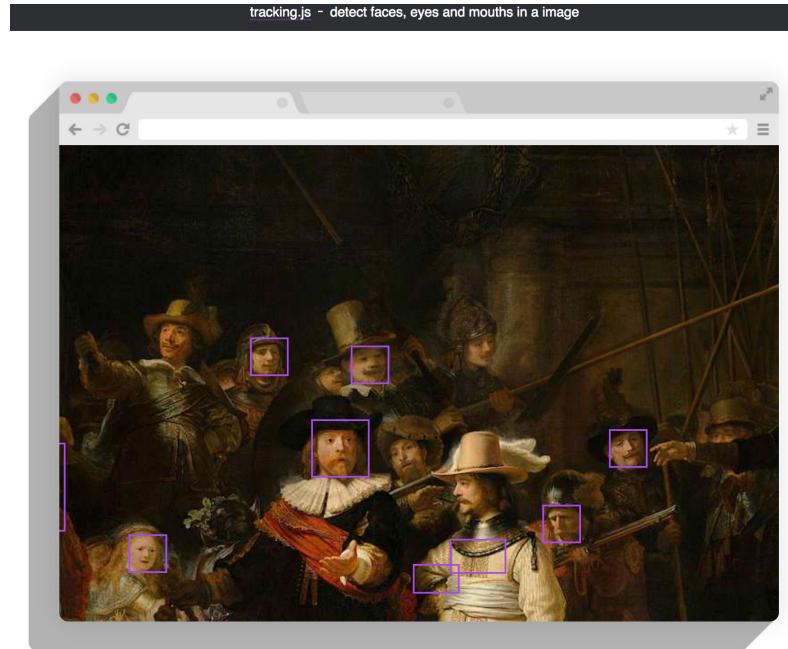
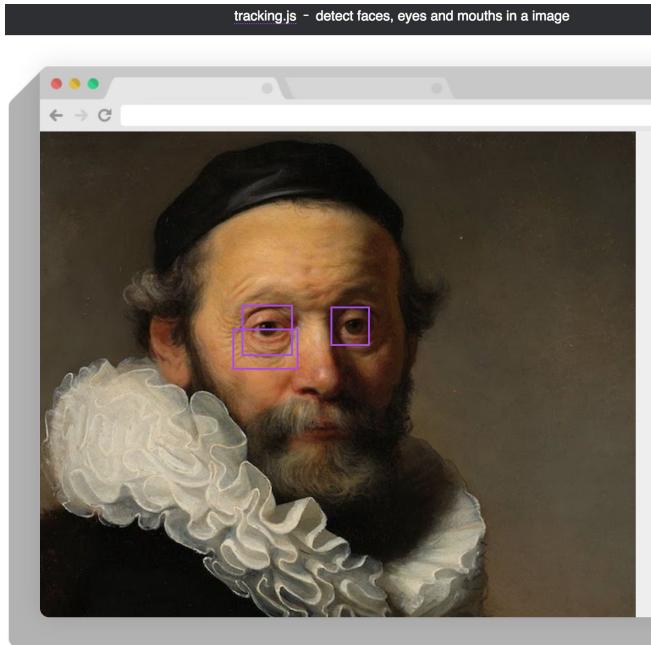
DATA PROCESSING (CONT'D)



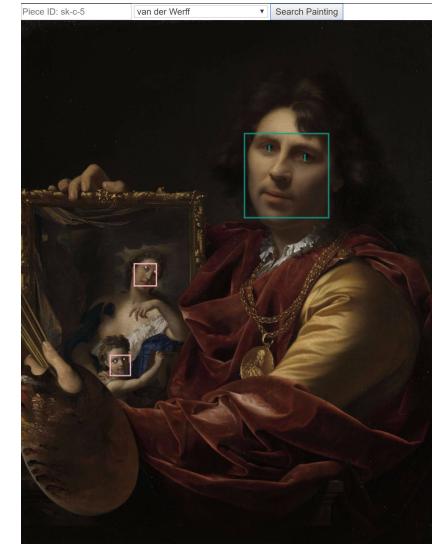
TECHNOLOGY - FACE RECOGNITION



TECHNOLOGY - FACE RECOGNITION



TECHNOLOGY - FACE RECOGNITION (CONT'D)



FINAL DESIGN



HOME PAGE

explore
RIJKS MUSEUM

masterpieces

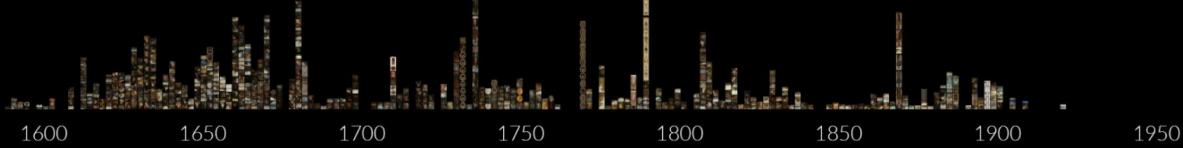
hague school

faces

beyond the exhibits



CURRENTLY
ON DISPLAY



IN STORAGE

Faces of the Rijks



Birthday: 1672

Skin texture: oil on panel

Left in the back room: No

FRIENDS



PHOTOS



Portrait of Constantijn Huygens (1596-1687)

ABOUT ME

Estimated ethnicity: White

Estimated Gender: Female

Height from forehead to chin: 4.8 cm

Intercheek distance: 4.9 cm

ABOUT MY MAKER

Name: Caspar Netscher

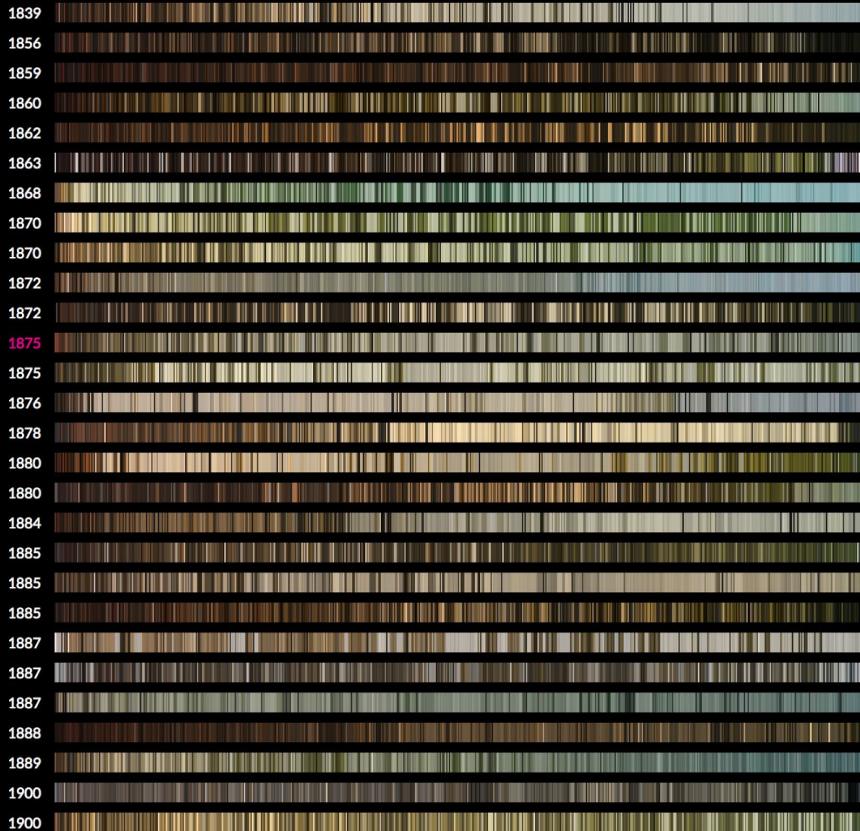
Birth: 1639 in Heidelberg

Death: 1684-01-15 in Den Haag

Nationality: Noord-Nederlands

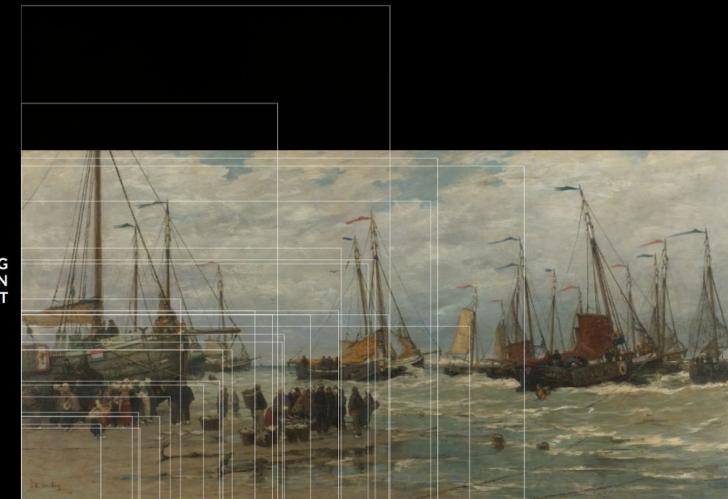
Hague School

EACH PAINTING AS A STRIP OF ITS COLORS



Fishing Pinks in Breaking Waves

Hendrik Willem Mesdag (1831–1915), oil on canvas, c. 1875–1885



PAINTING
DIMENSION
HEIGHT

PAINTING DIMENSION WIDTH



HENDRIK WILLEM
MESDAG



JACOB MARIS



JOHANNES
BOSBOOM



ANTON MAUVE



PAUL JOSEPH
CONSTANTIN
GABRIËL



JOZEF ISRAËLS



WILLEM MARIS



WILLEM ROELOFS (I) JOHAN HENDRIK
WEISSENBRUCH



GERARD BILDERS



MATTHIJS MARIS

THANK
YOU!

