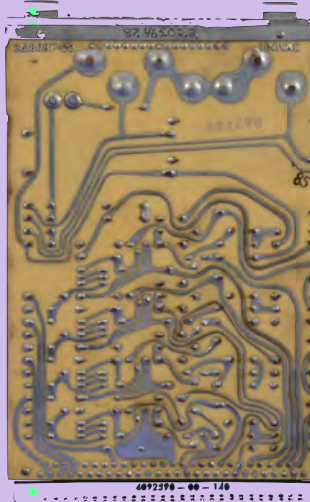


Archival Images of AI



Creating better images of AI through digital heritage



PLOIPAILIN FLYNN
NADIA PIET
DOMINIKA CUPKOVA
CRISTOBAL ASCENCIO
HANNA BARAKAT
ZEINA SALEEM
ERYK SALVAGGIO

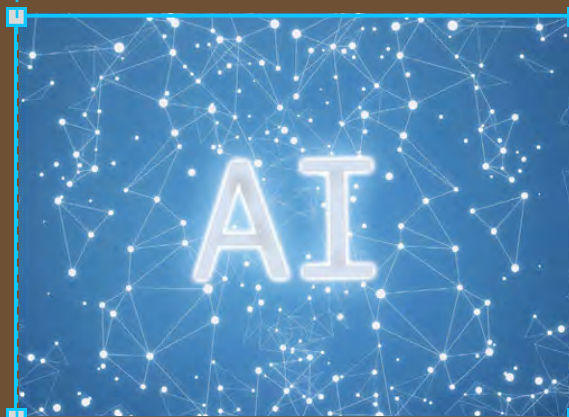


Welcome to Archival Images of AI : Creating better images of AI through digital heritage

We invite you to play with it, tear it, glue it or rip it apart.

THIS PLAYBOOK IS THE RESULT OF OUR RESEARCH INTO HOW EXISTING IMAGES – ESPECIALLY THOSE FROM **DIGITAL HERITAGE COLLECTIONS** – CAN BE REMIXED AND REUSED TO CREATE NEW IMAGES, PARTICULARLY TO REPRESENT AI IN MORE COMPELLING WAYS.

Images shape how we think about, understand, and talk about the world. Yet, images of AI suck. They are often misleading, unhelpful, or even plain wrong.



[1] Introduction

Images shape how we think about, understand, and talk about the world. Yet, images of AI are often problematic – misleading, unhelpful or just plain wrong. **Common visual tropes** of glowing brains, humanoid robots and walls of code create a **distorted view of AI**, giving it a mystical, almost god-like quality. This skews public and industry conversations around AI and impacts our understanding of its true nature.

It only getting worse. AI-generated images of AI are becoming more common, and they tend to perpetuate and intensify the harmful tropes we want to avoid.

So, we've been wondering – how can we make it easier to create better images of AI?

The Archival Images of AI research project set out to explore and understand how archival materials could help us craft more **meaningful visual narratives about AI** – a concept we'll unpack further on. Our work builds on ideas from *Better Images of AI: A guide for users and creators*, which suggests that more accurate visuals can help bridge the gap between AI developers and the general public – ultimately fostering **understanding** and **trust**. This is crucial as AI continues to shape and integrate into our present and future societies.

To address these challenges, we've created this playbook: a toolkit of simple guidelines, tools and techniques to help you make your own better images of AI.

Is this playbook for you?

FOR PEOPLE WHO NEED BETTER IMAGES OF AI

This playbook is designed for anyone looking for an AI image that avoids harmful stereotypes.

It's ideal for communication specialists, journalists, students, researchers, lecturers, community organisers or anyone who doesn't consider themselves a "creative" or "professional image-maker".

FOR IMAGE-MAKERS

The playbook is also a resource for professional image-makers looking to remix and reuse public-domain imagery in their work. Graphic designers, photographers, visual artists, illustrators and filmmakers will find guidance here.

IMPORTANT

WHILE THIS PLAYBOOK SHARES OUR LEARNINGS, TIPS, AND TRICKS FOR MAKING **BETTER IMAGES OF AI**, IMAGEMAKERS CAN USE THESE TOOLS TO MAKE BETTER IMAGES OF ... WHATEVER YOU'D LIKE!

Want to make better images of AI?

→ **CHECK TOOLS 4.1 AND 4.4**

Want to learn about remixing and reusing public-domain images?

→ **CHECK TOOLS 4.2, 4.3, AND 4.4**

STRUCTURE

In Archival Images of AI, we guide you step-by-step and provide the materials you need to remix better AI images using digital heritage collections. Follow this process from start to finish, or dip into the sections that suit your needs.

To inspire more authentic stories about AI and humanity, we've included our image-making briefs in section 4.1. We know that navigating archives can be time-consuming, so in section 4.2, we've gathered resources to make finding the "just-right" image easier:

- Our favourite digital archives
- Search queries that help surface interesting images
- Examples of images and scraps we like and have used

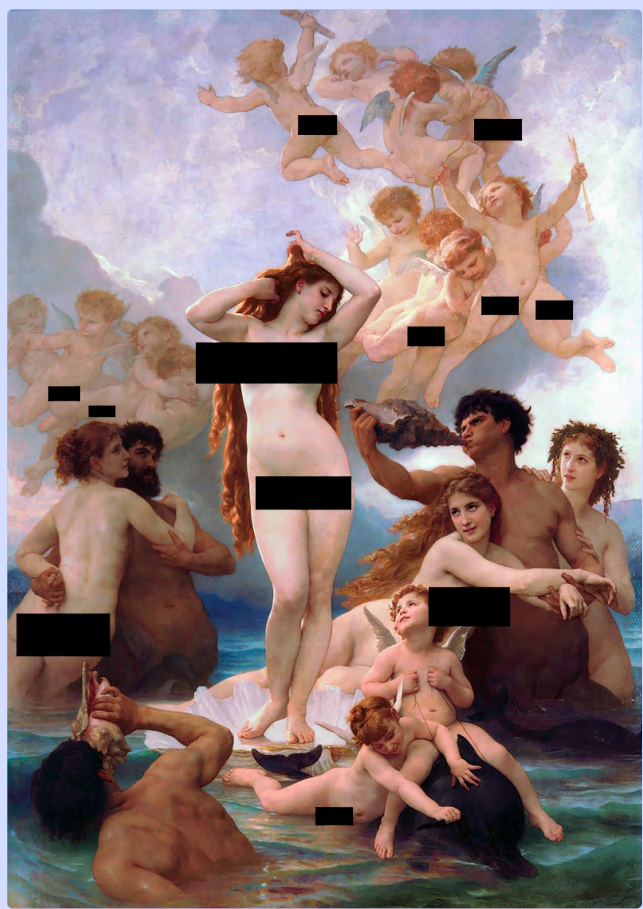
We've documented **nine techniques** to help you transform existing images into new creations. In section 4.3, each technique includes:

- Insights into the narrative concepts and stories it brings to life
- Real-world examples of the technique being used to improve AI imagery
- Recommended tools to apply these techniques effectively

[2] About Criticality

[2.1] Why digital heritage collections?

Digital cultural heritage collections are a **rich** yet often underused **resource** for image-makers. We see plenty of reasons why they're worth exploring to make better images of AI – or any other images!



CREATIVE REASONS

These collections are filled with rich **stories** and unique **textures** that can spark new projects. Each image brings its own distinct **character**, helping to overcome the 'blank canvas' problem by offering an inspiring starting point.

PRACTICAL REASONS

High-quality and **free to use**, these collections are huge repositories of visual material. In this project, we worked specifically with images in the public domain, which are available for personal or commercial use without copyright restrictions.

'These archived images – you get all of this incredible detail. Whereas, when you're just grabbing shit off the Internet, quite often, it's low res, clunky, not very nice,' said collage artist Alice Isaac.

CRITICAL REASONS

Cultural heritage archives are spaces where our stories are **told, retold** and **reimagined**. Archives don't just preserve the past; they are an assembly of objects, places and practices that help us document our **present** and imagine our **tomorrows**.

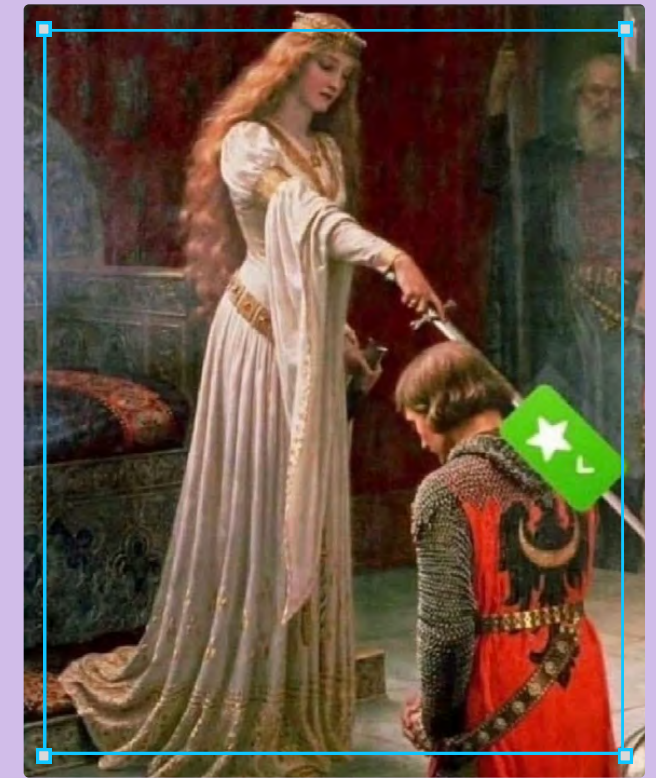
"Assembling new worlds from the scraps of the old" - are.na

By remixing and reusing archival images, image-makers can bring-to-life stories that both reflect on and challenge mainstream narrative of the past. We can honour and amplify the many stories of our past – not just the popular ones – so that we better understand our past and present as we make new futures.

Just to be clear – we aren't advocating for a rewriting of history; instead, we invite image-makers to challenge the singular narratives that often dominate it. Remixing digital heritage imagery is one way to do that.

"For Indigenous and Black communities, collage has become a visual approach to engaging with the unrecoverable past, honouring fragments impacted by colonial violence rather than trying to replace them. Collage allows for moving against the archival grain."

Hanna Barakat



FOR IMAGES ABOUT AI

Digital heritage collections offer a visual language that help us reimagine how we represent AI, moving us beyond the dystopian or alienating images we're used to seeing. By using familiar visuals with historical or cultural significance, we can make AI more **relatable** and **human-centred** and tell more **informed** stories about its role in society.

By referencing and remixing digital heritage collections we can bridge the gap between the past and our fast-moving present, and open up new ways to visualize the human experience today and our visions of the future.

rumi | mr. finch DONT GO PLS
@cieduotl

the most inaccurate historical fact about Bridgerton is the ton acting as if Penelope is not the most beautiful woman and not have men falling down at their feet for her.

SHE was the beauty standard in the regency era.

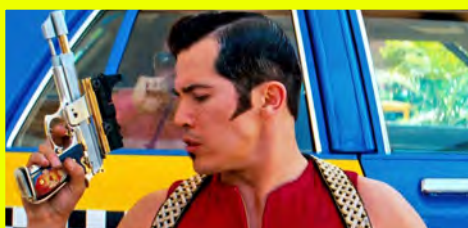


Bridgerton + Hamilton

CASE STUDY

Remixing historical narratives is complex. While Bridgerton’s fresh take on the “very white world of historical drama” and Hamilton’s “visionary reframing of the narrative of America” are praised by some, others criticized them for erasing “real” Black stories from those periods.

Our takeaway: be intentional about the stories you’re trying to tell. Are you using archival images to maintain or challenge the dominant narrative? Smarter people than us have explored this in-depth, so we encourage you to consider their perspectives. What’s your take?



RECOMMENDED READING

- [The Ghost Stays in the Picture, Parts 1, 2 and 3](#), Eryk Sylvaggio, Flickr Foundation Research Fellow, 2024
- [All Hammed Up: How Hamilton: An American Musical Addresses Post-Racial Beliefs](#), Kylie Umehira, BU: Journal of the CAS Writing Program 2016
- [The intense debates surrounding Hamilton don't diminish the musical – they enrich it](#), Annette Gordon-Reed, Vox, 2016

[2.2] How to tell better stories?

But how do we tell better stories about and with images that carry significant historical contexts — stories that are **inclusive, diverse, and plural**? What should we consider when remixing and reusing images from digital heritage collections to make better images of AI or any other images? How do we navigate **sensitive**¹ or **spicy**² topics and approach **grey**³ areas? How can we remix as a form of **resistance**?

A sensitive subject needs to be handled carefully, with empathy and tact because it may instigate an emotional response from others.

1

A spicy topic is a topic some may consider taboo and uncomfortable, like queerness, or gender-based violence. These topics are often algorithmically censored on social media platforms.

2

A situation or subject-area that is difficult to determine what is right or wrong.

3

Telling better stories starts with questions about the visual narratives out there today:

What is the most obvious message in the image?

Who or what is the focus of the image?

How does the setting or background shape the story?

Whose perspective is being represented?

What parts of the story are left out? Whose voices are absent?

Does the image reinforce, challenge or subvert existing narratives?

Is there a historical or cultural context that isn't reflected in the image but would alter the story if included?

However, these questions alone may be of limited value if you haven't first considered your position or role in the story. So, it's essential to reflect on:

Am I drawn to or repelled by the image?

What narratives am I favouring, and which ones am I overlooking?

How does this image align with or contradict my values or interests?

What do I hope others see or feel when they view this image?

These questions can help you navigate the politics of **sensitive** or **spicy topics** or **grey areas**, without needing deep expertise or extensive time on the subject. As you remix and reuse archival images, remember that every image shapes how we think about, understand and talk about the world.

So, **which stories are you missing** and **which do you want to tell**?

[3]

Decoding the Process

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Y

Now it's time to reflect on our own position, as researchers, within this story and share how this informed our project approach.

This research was carried out by the three of us from AlxDESIGN – [Ploipailin Flynn](#), [Nadia Piet](#) and [Dominika Cupkova](#). This team embodies a blend of experiences, including female, queer, POC, neuro-spicy and migrant identities.

Together, we are committed to conducting inclusive, diverse and plural research that is rooted in intersectional, decolonial and feminist principles.

INSIGHT-DRIVEN

Taking an insight-driven approach, we spoke to subject-matter experts to inform our project's research hypotheses. In this way, we could build upon their body of work, observations, and insights.

Budget and time constraints made this approach particularly appealing because it helped us quickly identify the research areas this project could best address.

The subject-matter experts we consulted with include:

1. [Tania Duarte](#), Founder of [We and AI](#) and [Rasa Bocyte](#) from the [Netherlands Institute for Sound & Vision](#). They each advised us on our research approach, hypotheses, and insights.
2. Image-makers [Anna Fehres & Luke Conroy](#), [Danny van Zuijlen](#), and [Alice Isaac](#) – who use archival images in their existing image-making practice. They each helped us understand the opportunities and limitations of using digital visual heritage in contemporary image-making.
3. Researchers and archivists – [Eryk Sylvaggio](#), [Cees Martens](#), and [Isabel Beirigo & Monique Groot](#). They helped us understand how digital heritage archives are made, maintained, and used, including the opportunities and limitations of using heritage imagery to create better images of AI.

PARTICIPATORY

Participatory research allowed us to involve the community to whom this research is relevant in the research process.

In July 2024, we hosted an online [community research session](#) with over 50 participants from Europeana to explore how culture-makers navigate archives to create better images of AI.

PRACTICE-LED

Our insights are only as valuable as our ability to put them into practice.

Over three months, we worked with three imagemakers – [Cristóbal Ascencio](#), [Hanna Bakarát](#), and [Zeina Saleem](#) – to prototype, test, and refine this playbook.

Please note, this is only the start! We invite you to continue to test, challenge, and build this playbook in your own time!



How to remix + reuse digital heritage collections (to make better images of AI)

[4.1] Grabbing an image-making brief!

We've talked about how visual tropes like glowing brains, humanoid robots and walls of code are unhelpful. They skew our understanding of AI.

This section is our **antidote**: it highlights the image briefs we used in this project that offer more nuanced and accurate narratives of AI. These are the images of AI we need – stories that bring-to-life the real-life realities of making, using, and being the subject of AI.

Do you already know what image you're looking to create?

if

YES

Skip to [section 4.4](#)

NO

Start with one of our [image-making briefs](#) listed below (which we used to create and test this playbook)

NOTE:

In our [Notion](#) you can find detailed descriptions of each image brief.

RADICALLY NORMAL IMAGES OF AI

“Radically Normal Images of AI” shines a light on the often-overlooked, mundane aspects of AI, highlighting the labor and infrastructure behind it. It also addresses the very real user experiences with AI-driven products and services, such as AI fatigue.

Data Labelling [7](#) [9](#)

AI Fatigue [9](#)

AI Materiality [13](#) [17](#) [19](#)

Hidden Labor [7](#) [9](#) [13](#) [14](#) [17](#)

AI NARRATIVES

"AI Narratives" are the stories that shape our understanding, design, and application of AI, and influence how we perceive its potential and limitations. In this section, we explore – and sometimes challenge – mainstream AI narratives, encouraging critical interrogation of their underlying assumptions.

Black Box [12](#)

Cloud Computing [19](#)

Gendered AI [12](#) [13](#) [17](#)

Frontier Models [17](#)

“Explainable AI” dives into technical and academic concepts related to transparency and interpretability in AI systems. These images explore different ways users might better understand algorithmic systems and the influences shaping its decisions.

EXPLAINABLE

AI

Pattern Finding [18](#)

Computer Vision [1](#) [2](#) [3](#) [4](#) [7](#)

Image Recognition [9](#)

Generative AI [16](#) [18](#) [20](#)

Data Rights [5](#) [15](#)

Recommender Systems [8](#)

AI HARMES

“AI Harms” examines the societal and environmental impacts of AI.

Deepfakes [16](#)

Data Extraction [10](#)

Data Surveillance [5](#) [11](#) [15](#) [20](#)

Datafication [22](#)

Computational Gaze [3](#) [4](#) [9](#)

Ecological Cost of AI [21](#)

[4.2] Gathering materials

Finding high-quality, free-to-use images can be a challenge. This section aims to simplify that process by sharing the tips and tricks we used throughout this project.

In Section 4.2, we share the archives we found helpful in this project and others that were recommended to us but we didn't explore.

In Section 4.3, we share the tips and tricks we used to dive into and uncover interesting materials.

ARCHIVES WE USED:

PUBLIC WORK

public.work/



WIKIMEDIA COMMONS

commons.wikimedia.org/



MOMA PUBLIC DOMAIN

moma.co.uk/public-domain-images/



HARVARD COLLEGE OBSERVATORY HISTORY IN IMAGES

hea-www.harvard.edu/



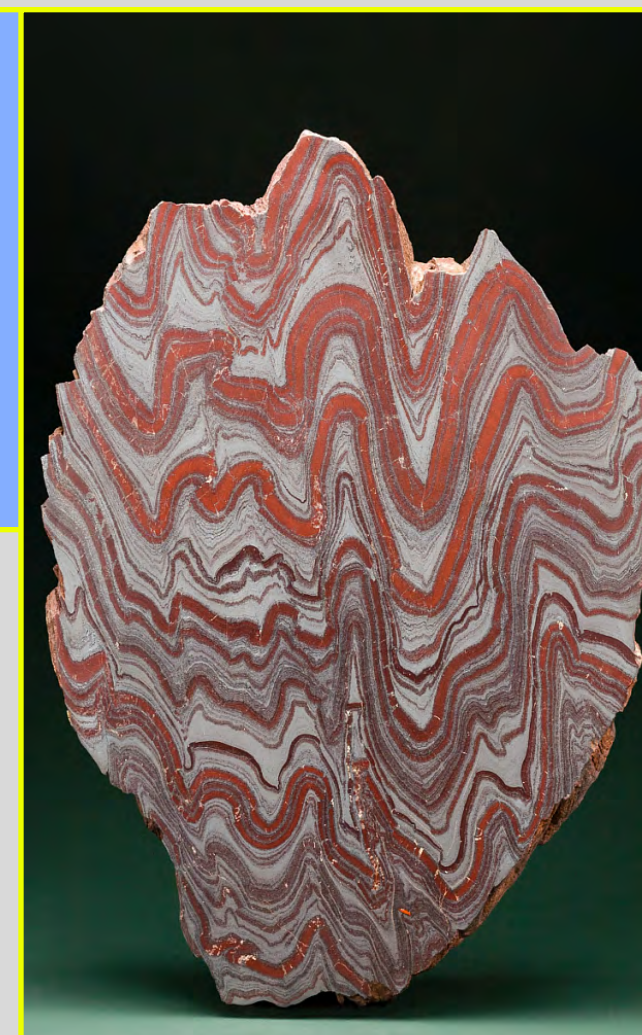
RIPPL RONAI MUSEUM

smmi.hu/en/digital-collections/



ARCHAEOLOGICAL MUSEUM OF NALANDA

asinalandamuseum.com



SMITHSONIAN OPEN ACCESS

si.edu/openaccess



WEBUMENIA

webumenia.sk/



OTHER ARCHIVES:

- [EUROPEANA](#) • [THE COMPUTER REVOLUTION | EUROPEANA](#)
- [CLEVELAND ART](#) • [DIGITAL PUBLIC LIBRARY OF AMERICA](#)
- [THE METROPOLITAN MUSEUM OF ART](#) • [OPEN CULTURE](#)
- [LIBRARY OF CONGRESS](#) • [ARTVEE](#) •

PUBLIC DOMAIN REVIEW

publicdomainreview.org/



Still want more? Check out Dr Andrea Wallace and Douglas McCarthy's [Open GLAM Survey](#) – a list of over 1,000 galleries, libraries, archives and museums offering open-access data for reuse.

[Open GLAM Survey \(Douglas McCarthy and Dr. Andrea Wallace, CC BY 4.0, 2018 to present\)](#)

ROAM AROUND

The simplest way to start is by browsing the archive page by page. Begin by exploring channels or categories freely, scrolling until something catches your eye.

While this method can lead to joyful, unexpected finds and uncover hidden gems, it's time-consuming and can feel overwhelming.

Tip: Investigate image or file metadata to find and follow connections

Note: What we find in archives is primarily defined by the keywords and overall language the archivist uses to describe the collection. As you browse, remember this cataloguing process is never neutral or error-free, and in some cases you might come across derogatory terms.

Dive into the [Word Matter](#) publication for more context.

How to search the archives

SORT & FILTER

If your chosen archive offers sort and filter options, these browsing tools can help you focus on specific interest areas and discover overlooked content:

- **Sort by Specific Metrics**
Try sorting by the oldest or newest images, or by popularity, to explore the “edges” of the archive.
- **Use Filters**
Take advantage of filters specific to the archive to narrow down your search.
- **Search by Time Periods**
Filtering by time periods can reveal historical patterns or shifts in ideas, like how our concept of ‘robot’ has evolved.
- **Explore Niche Categories**
Dive into obscure sections, such as orphaned galleries on Wikimedia or poorly tagged items, to find hidden gems.

KEYWORD QUERIES

If you have a clear theme or direction in mind, using keyword searches can help you find specific content. Try using synonyms, variations, or even contrasting terms to uncover a wider range of results.

- **Synonyms & Related Terms**
Use alternative words that are close to your main idea. For instance, if you're searching for “robot”, try words like “automation” or “cybernetics” to explore connected concepts. Notice how results shift based on similar terms, and consider how stereotypes or specific groups are portrayed.
- **Antonyms & Oppositional Terms**
Sometimes searching for the opposite can lead to surprising discoveries. For example, to explore bias in scientific thinking you might search terms like “intuitive”, “witch” or “esoteric”.
- **Combine Keywords with Filters**
Try combining keyword searches with sort or filter tools for deeper insights. Search for concepts like “computer” before the 1900s or explore the most/least popular images of “robot” and reflect on why some are more prominent than others.



- Image-briefs for better images of AI

- Set of questions to critically interrogate an image + one's own positionality

- Selected archives

- Search queries + tactics

- Curated collection images + cut-outs + scraps

Are.na

Are.na / AIxDESIGN / ✂ AloAI / Scraps + CutOuts [here](#)

Are.na / AIxDESIGN (+1) / 📌 AloAI / Curated Images + Sub-Collections [here](#)

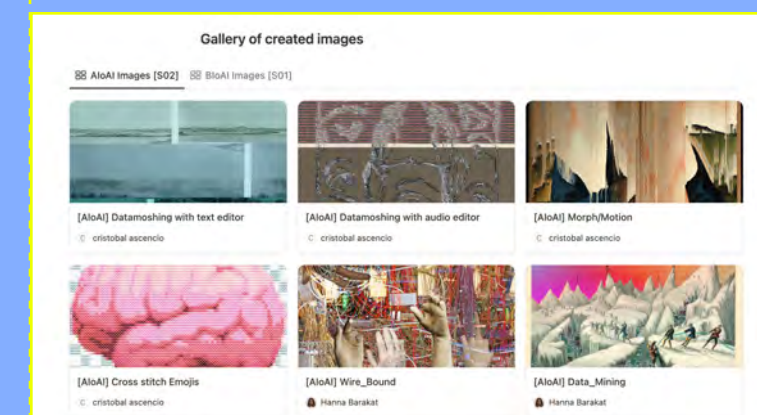
Spatial View in SOOT



- Tutorials for Image Remixing Techniques

- Artist Logs

- Gallery of created images



[4] **Let's get making!**

In this section, we guide you through our image-making techniques, sharing tips and tricks to help you make better images of AI. You'll find the images we made as part of this research, plus descriptions from each image-maker and why they employed that technique to make a better image of AI.

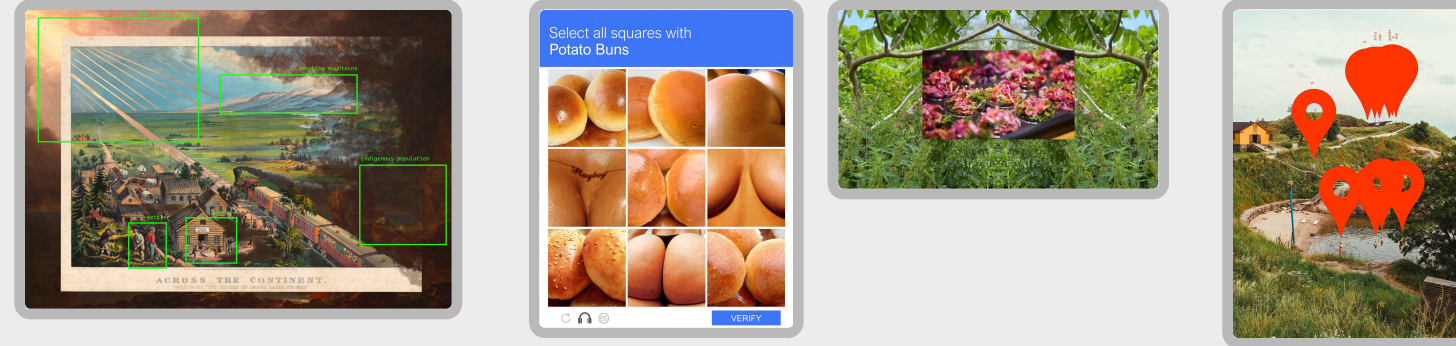
Let's play!

01



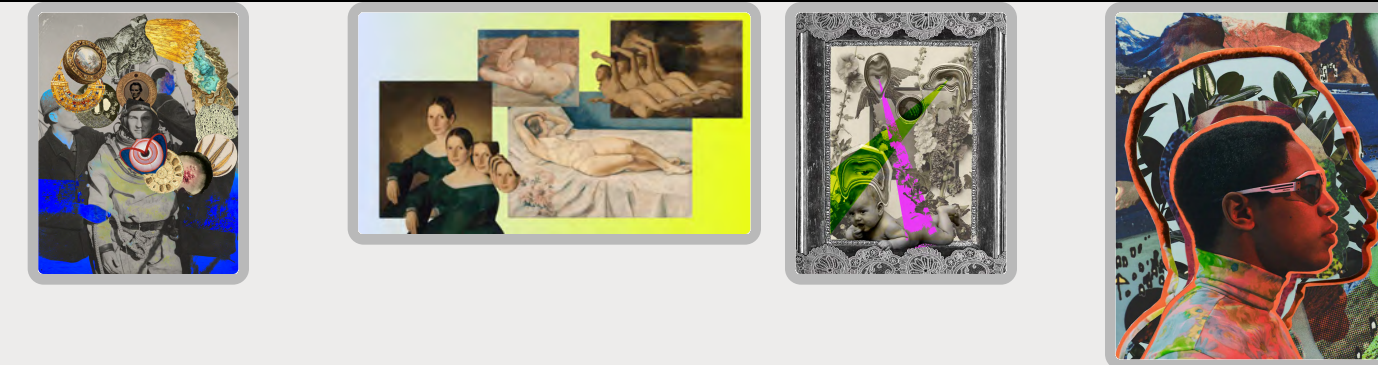
SIDE-BY-SIDE

02



OVERLAY

03



COLLAGE CENTERPIECE
SWAP
PATTERN MAKING

04



DISTORTION DATA-MOSHING
CROSS-FLOSS
GLITCH-IFICATION
MOTION-MORPH

etc

BONUS PLAYING WITH COLOR AND/OR LIGHT
PATTERNMAKING
MOVING IMAGES
GO ANALOG

Side-by-side juxtaposition

This technique is especially good for contrasting two things or visualising throughlines, like:

- Then / Now
- Here / There
- Before / After

We've found this technique helpful in visualizing how AI "sees" the world, or what we call the "computational gaze", specifically, making the logic of the machine visible.

Helpful Tools

- Open both images and arrange them side-by-side. Then, take a screenshot!
- Copy-paste images side-by-side in any visual software like Powerpoint / Keynote / Slides. Then, take a screenshot!

No design skills needed!



The Wine Glass, Johannes Vermeer, 1658-1660, @artbutmakeitsports

examples in the wild

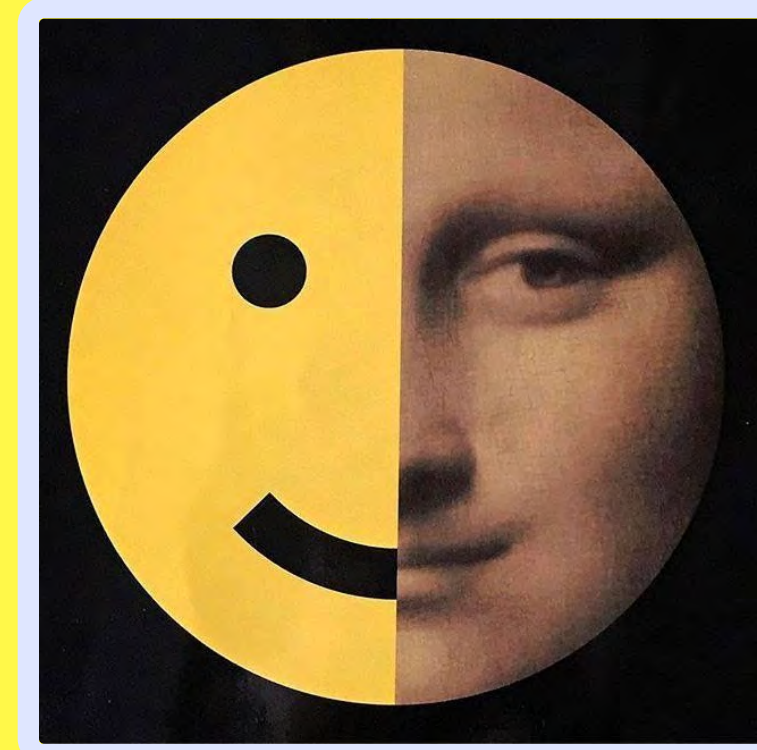


Camille Monet on a Garden Bench, by Claude Monet, 1873, @artbutmakeitsports

Land Ownership Makes No Sense, Jehan Azad, Uri Bram, Wired Staff, Getty Images, [Wired](#)



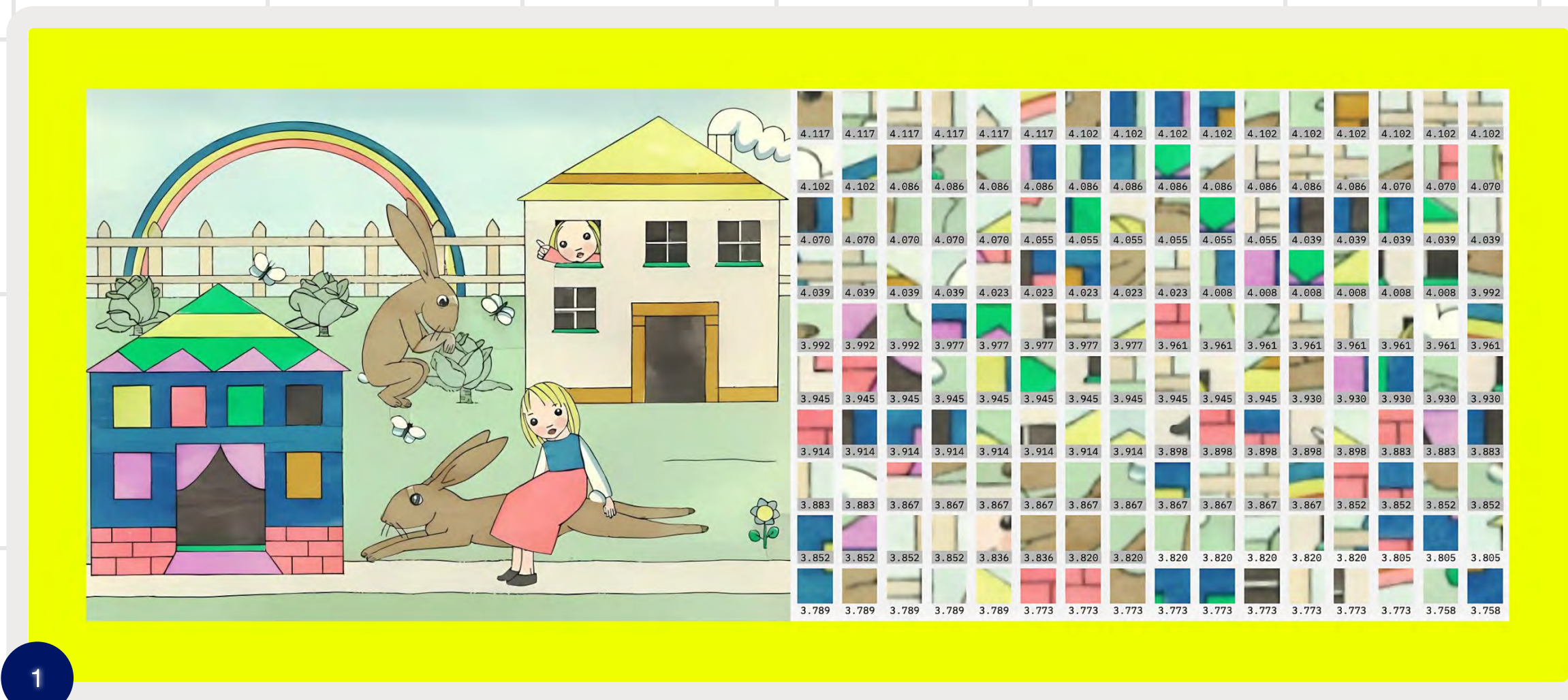
Greenwood, Tulsa, @segregation-by-design



Mona Lisa Smile, source: unknown



how to make



1

IMAGE NAME
Ways of Seeing

CREATOR
Nadia Piet

ABOUT THIS IMAGE
This image contrasts human and computational ways of seeing: one rich with memory and meaning, the other devoid of emotional associations and focused on structural analysis. In contrast to the whimsical, surreal scene on the left pane, we see the illustration reduced to a computational rendering, with each 16x16 superpixel fragmented and sorted by visual complexity using a compression algorithm.

This image highlights the gap between intuitive and computational vision.

WHY THIS TECHNIQUE
Displaying the images side-by-side emphasizes the contrast and comparison between them. Showing only input or output alone wouldn't convey the full story – it's the image analysis process that ultimately reveals the deeper meaning.

RELATED TO IMAGE BRIEF

Computer Vision

IMAGE NAME
Gazing through the Computer's Rabbit Hole

CREATOR
Dominika Čupková

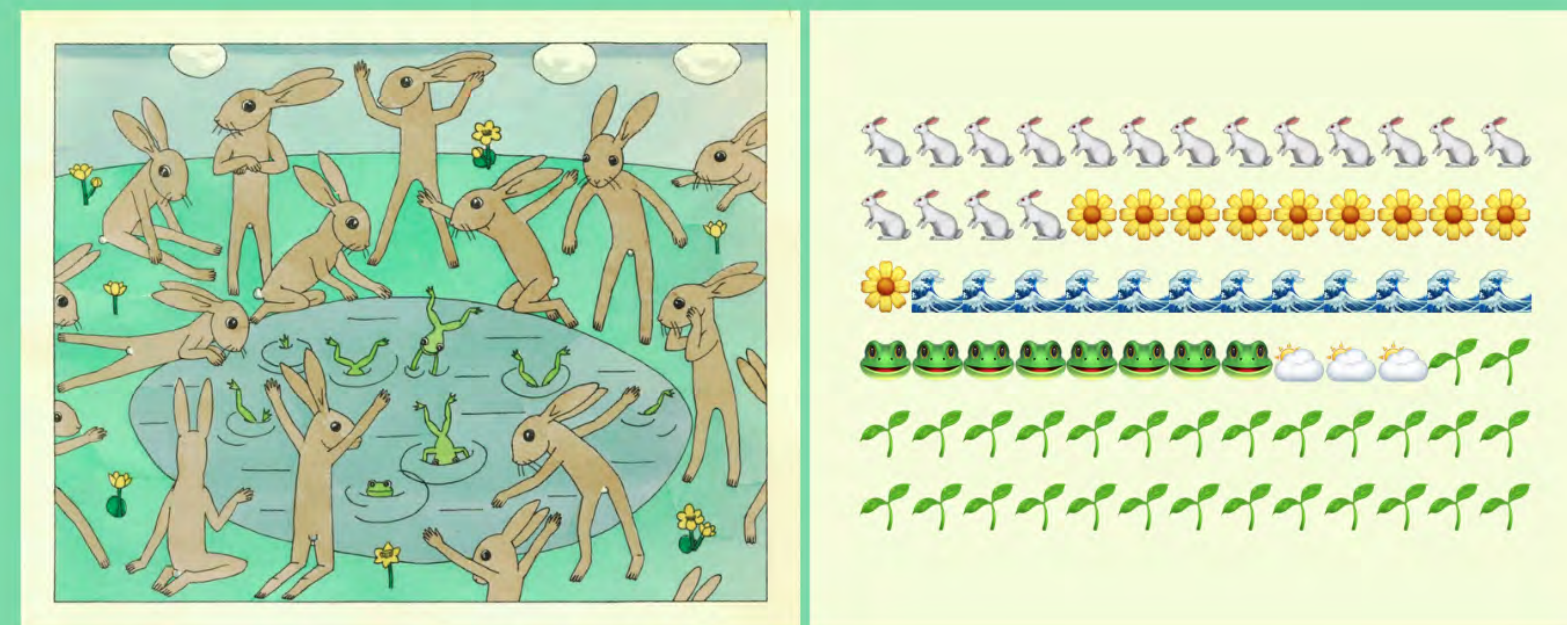
ABOUT THIS IMAGE
What do we see, and what do computers see? This illustration from a children's book is reimagined as a simplified version of what computer vision algorithms might detect – 17 rabbits, 10 flowers, 8 frogs, 3 clouds, a body of water, and a meadow. Deconstructed into emojis, these familiar symbols – now deeply embedded in our everyday communication – help convey meaning beyond words and letters.

WHY THIS TECHNIQUE
Displaying the images side-by-side highlights the contrast and comparison between them. It creates a clear and striking contrast between the left and right images. The intentional use of emojis makes the comparison accessible, allowing meanings to be conveyed without explicit language.

RELATED TO IMAGE BRIEF

Computer Vision

2



Overlay

Super accessible!

This technique involves layering and/or stacking whole images, fragments of images, or text onto another image, which allows for annotating the original image with new meaning. This is how many memes are created!

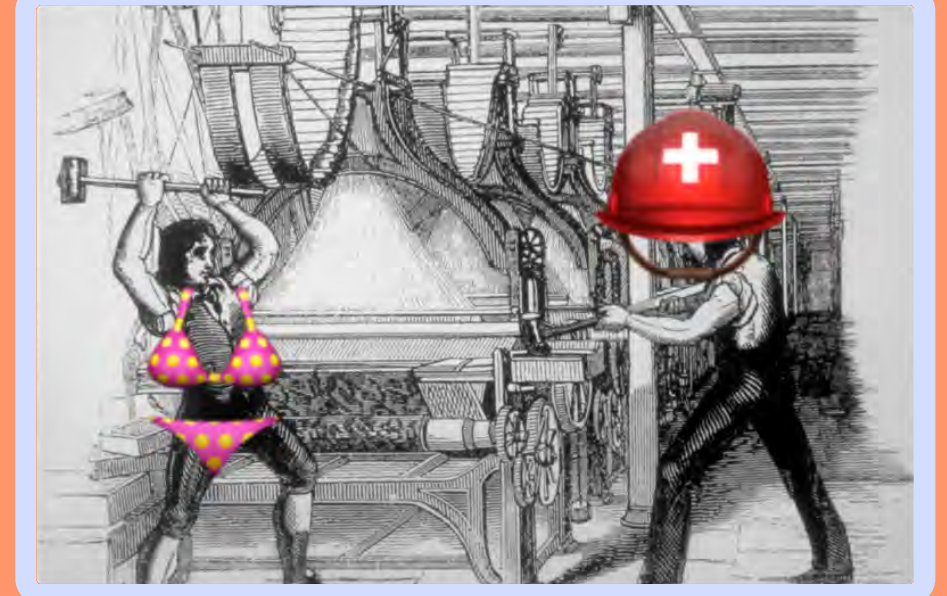
We've found this technique helpful in visualizing the following AI concepts:

- Visualizing how AI “sees” the world, or what we call the “computational gaze”
 - Making an element more visible
 - Making an element less visible
 - Making invisible narrative(s) visible
 - Making the logic of the machine visible
- Highlighting the commonalities in human experiences throughout time
 - Showcasing the connections between the old world and the new—our digital and physical worlds
 - Showing AI being used as a tool, like any other tool

Helpful Tools

- Use any image-editing software like PowerPoint, Keynote, Slides, or Canva to overlay bits over your original photo.
- Explore this project's ‘scraps’ – bits of images we've “cut” from their original form – [here](#) ➔

examples in the wild



Ploipailin Flynn + Fred Wordie

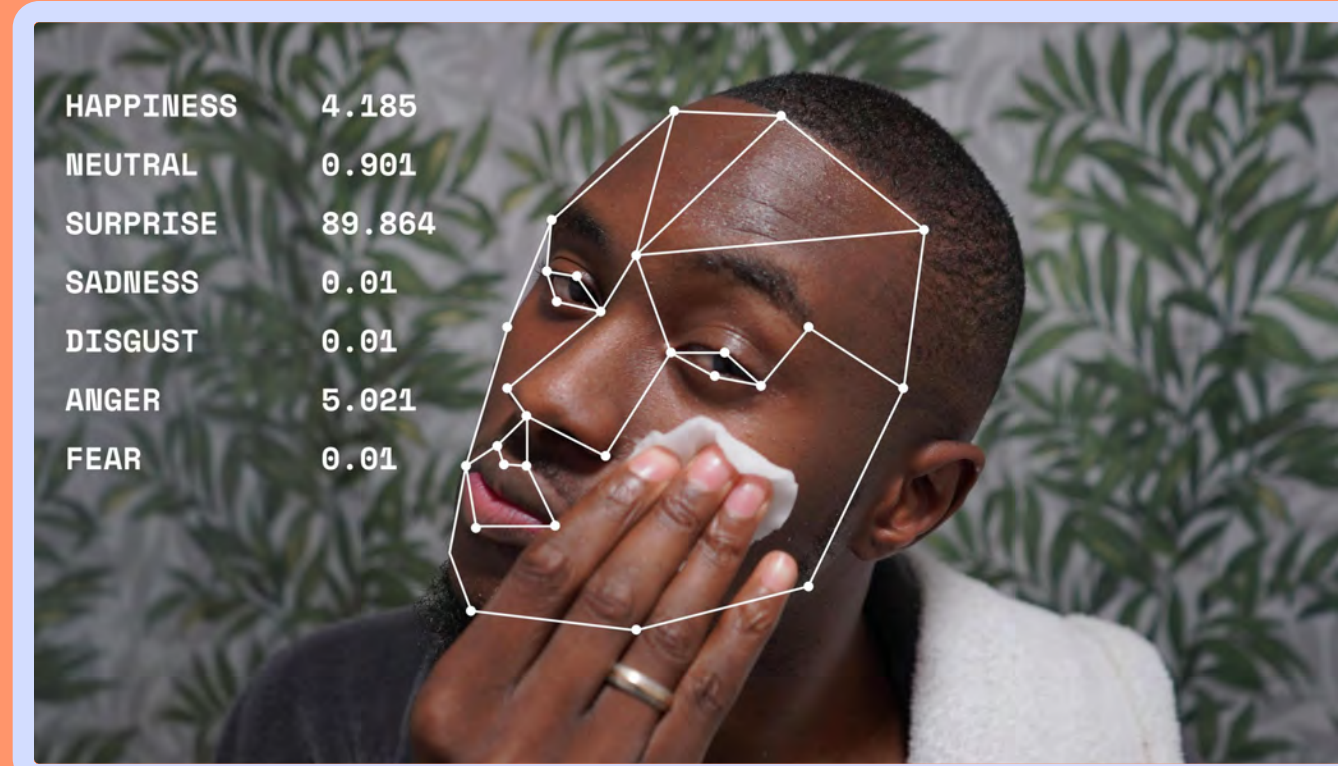
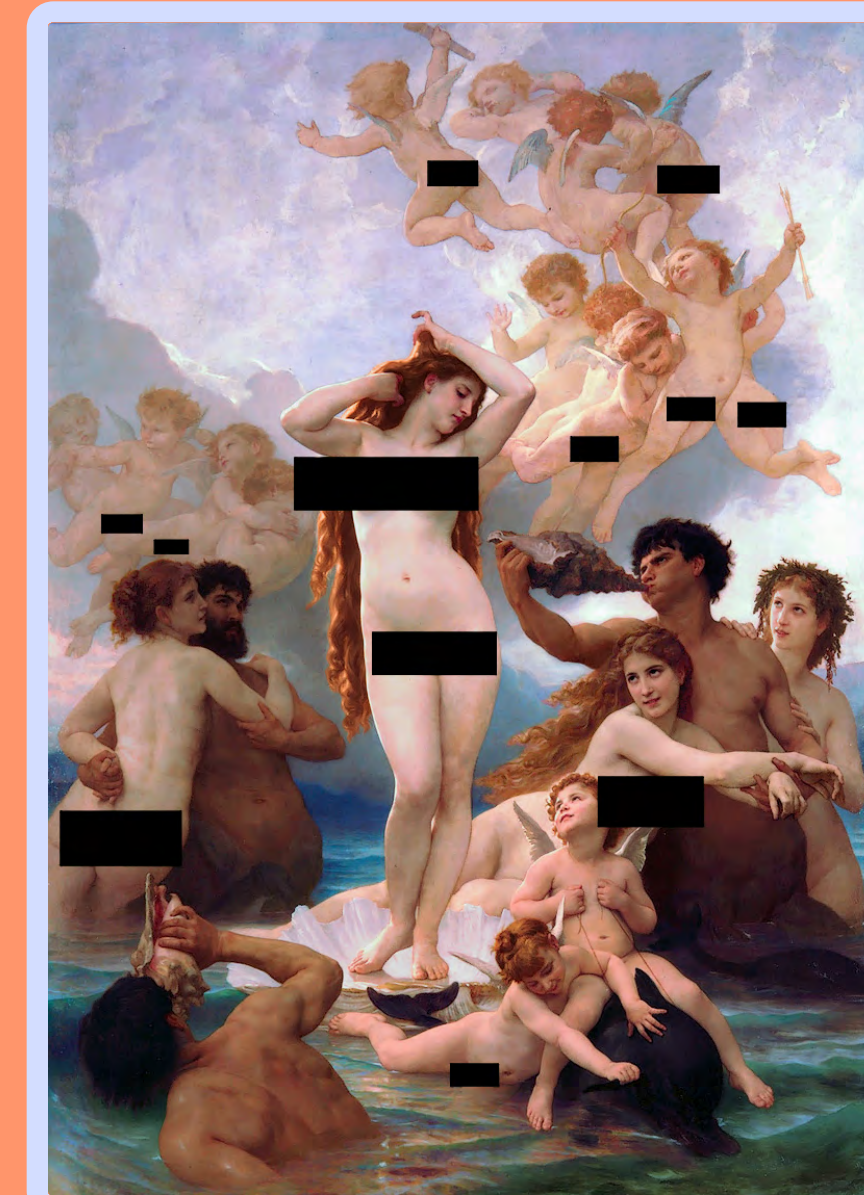


Image by Comuzi / © BBC / Better Images of AI / [Mirror D](#) / CC-BY 4.0

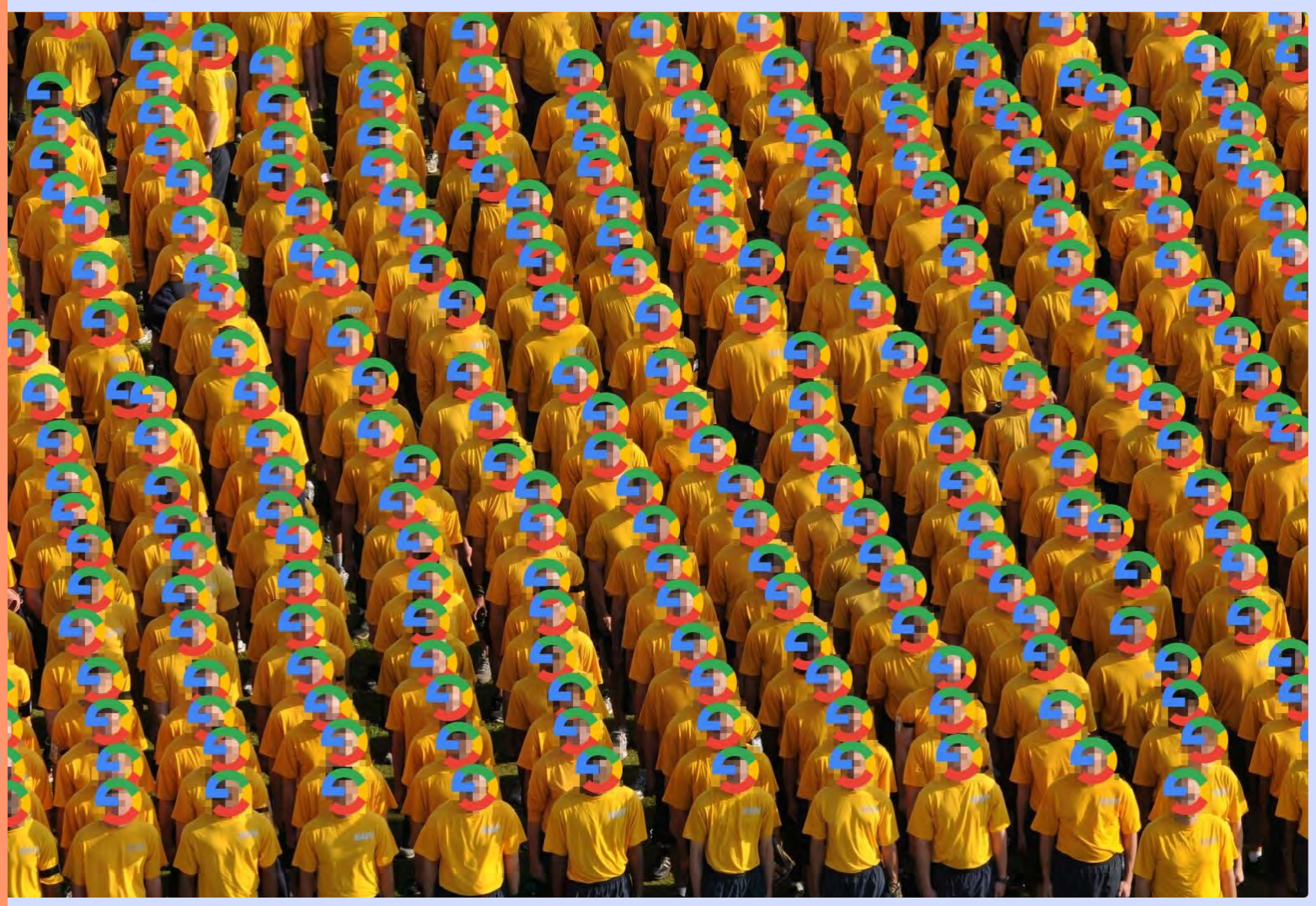


CENSORED The Birth of Venus by William-Adolphe Bouguereau (1879), [Wikimedia](#)



this is how it feels,
[@themildlymoasian](#), March 2024

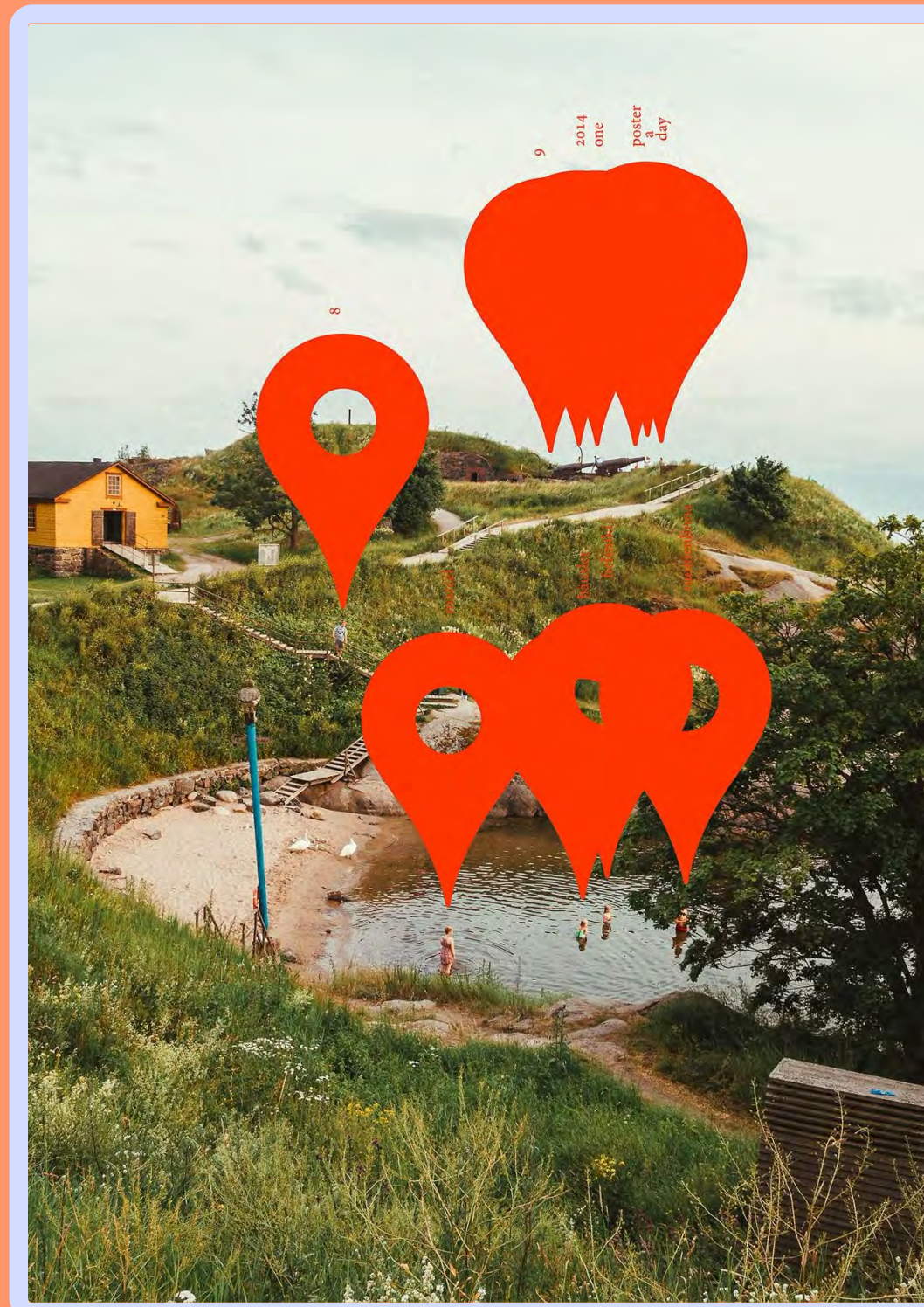
AI Overlay Overlay Overlay Overlay



!Mediengruppe Bitnik – 1000 Bots



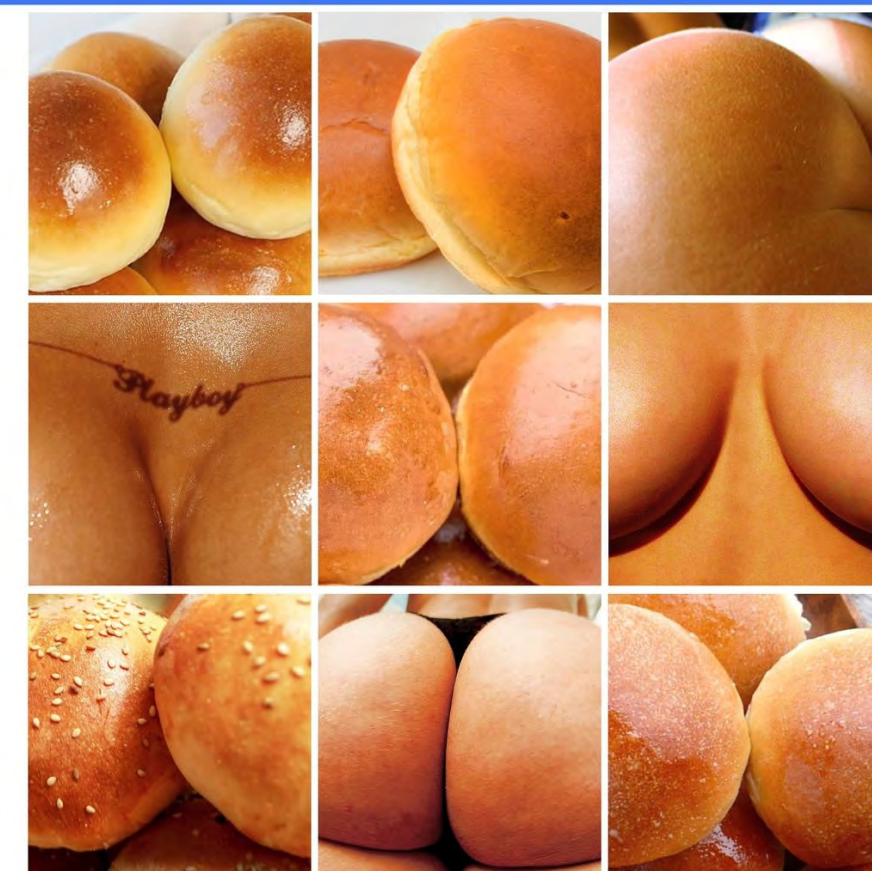
Food Forest Taste Tests, The Center for Genomic Gastronomy, 2024



Location pin photo, source unknown

Captcha by Emir Shiro

Select all squares with Potato Buns



VERIFY



Still Life, Vera van der Burg, 2019

IMAGE NAME
Frontier Model 3

CREATOR
Hanna Barakat

RELATED TO IMAGE BRIEF

Computer Vision
Computational Gaze

ABOUT THIS IMAGE

This image explores the visual culture of generative AI landscapes, positioning it as a “new frontier” that echoes Manifest Destiny paintings from the 1850s to 1870s (often associated with the Hudson River School). The base image, Across the Continent: Westward the Course of Empire Takes Its Way by Frances Flora Bond Palmer (1868) is one of many propagandistic artworks promoting westward expansion while “conveniently” concealing the ethnic cleansing of Indigenous populations.

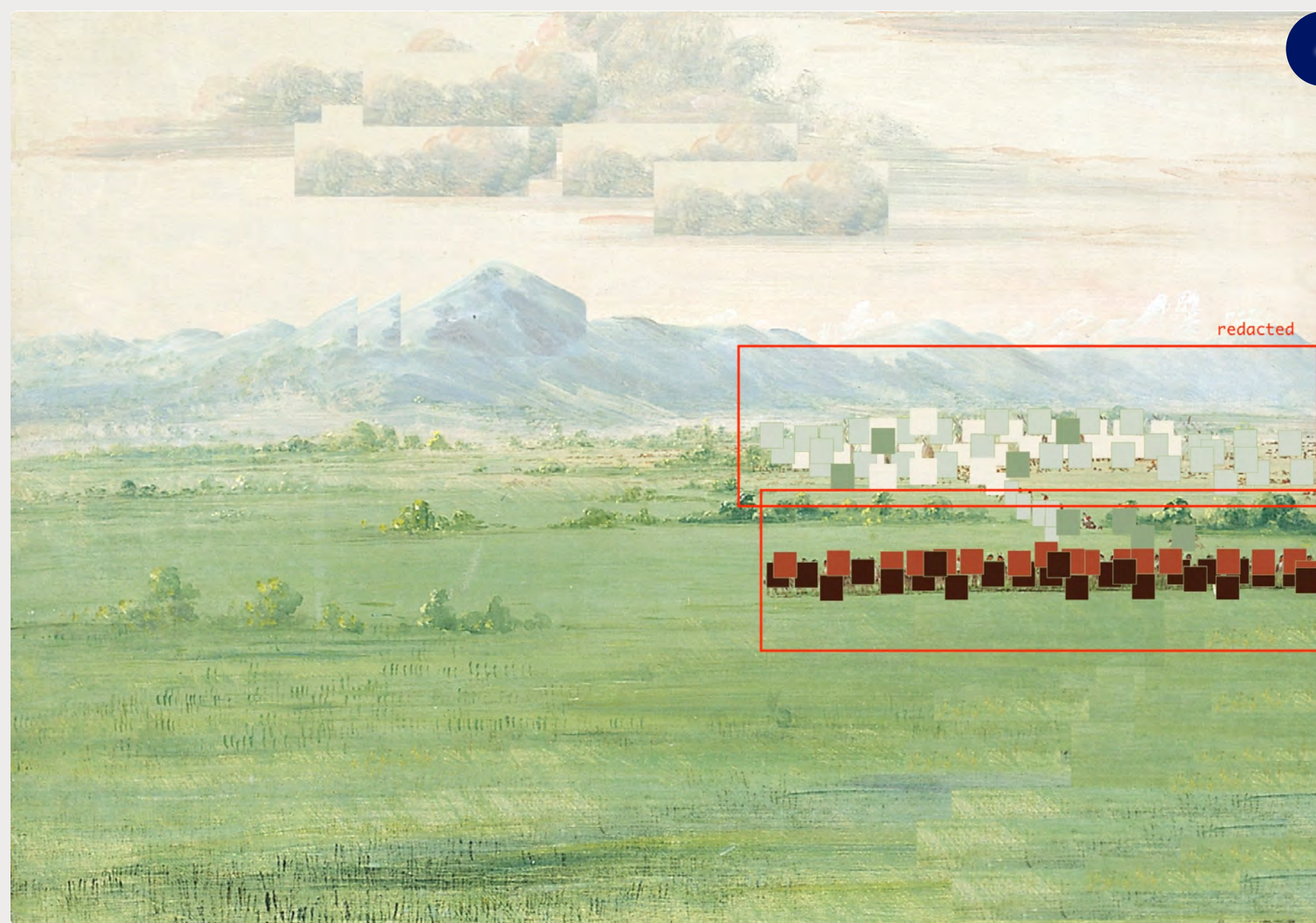
WHY THIS TECHNIQUE

Through collage, this image reappropriates the idea of ‘the next frontier’ as an AI frontier to draw attention to digital colonisation. Neon boxes highlight visible and invisible elements of the image.



3

how to make



4

RELATED TO IMAGE BRIEF

Computer Vision
Computational Gaze

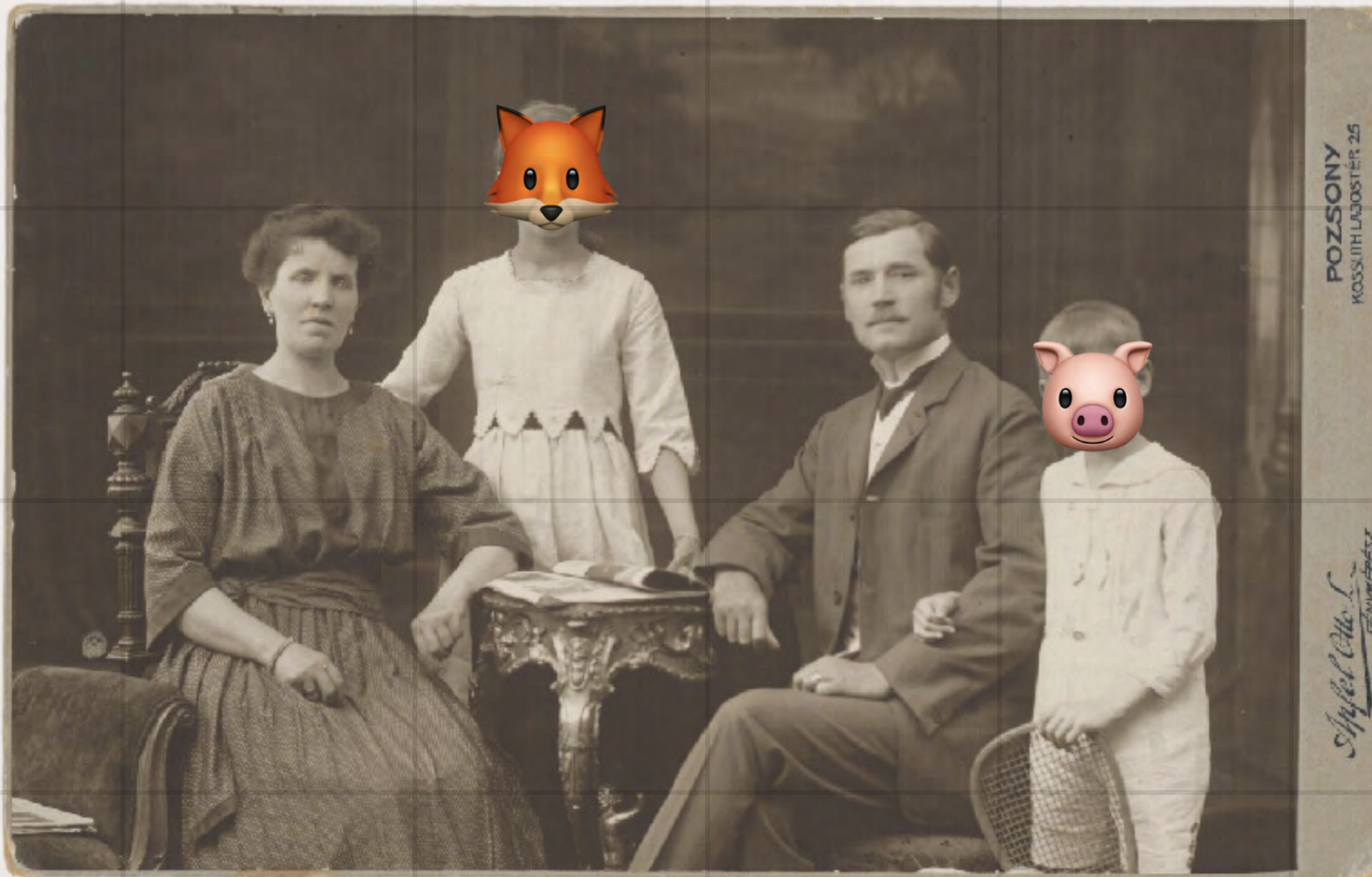
IMAGE NAME
Frontier Model 5

CREATOR
Hanna Barakat

ABOUT THIS IMAGE
Same as above

WHY THIS TECHNIQUE

Through overlay, this image reappropriates the idea of “the next frontier” as AI-frontier models to draw attention to the not-so-new forms of colonization within the digital realm. Using overlay, red boxes draw attention to redacted elements in the image, emphasising hidden narratives within the digital realm.



5

RELATED TO IMAGE BRIEF

Data surveillance

Data rights

IMAGE NAME

Now You See Me, Now You Don't

CREATOR

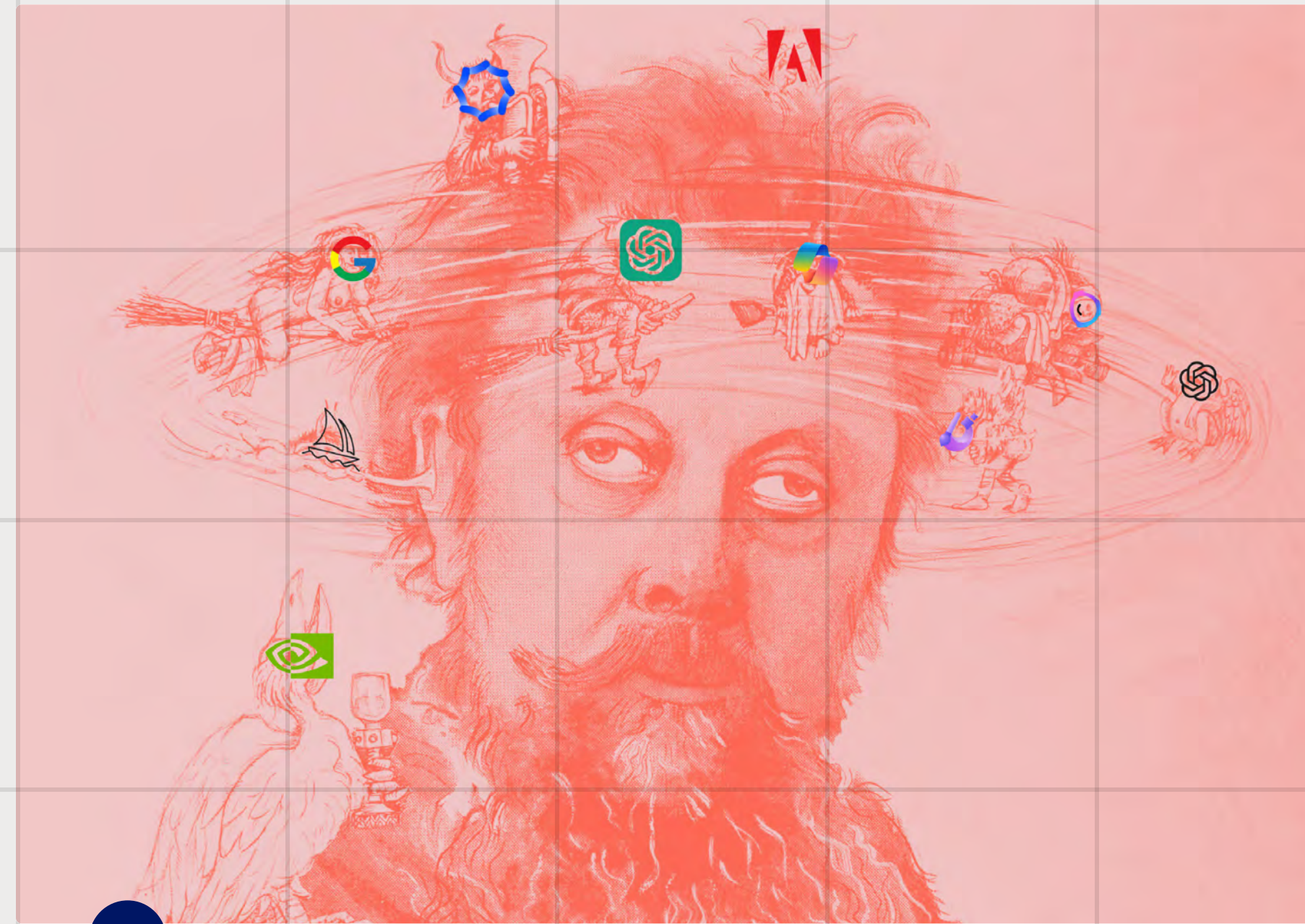
Dominika Čupková

ABOUT THIS IMAGE

More parents, including celebrities, are choosing to blur or cover their children's faces with emojis before posting on social media. However, this still falls short of the protection urged by children's rights advocates, who question the long-term privacy risks. Although obscuring a face may limit what can be gleaned, it's unclear how effective this measure is against data collection by social media companies and third parties. Ultimately, the question remains: what are we truly protecting children from?

WHY THIS TECHNIQUE

Anonymisation through overlay is common; in real life, we cover our faces with our hands, while online, emojis serve as our "hands". The choice of emojis adds layers to this form of digital protection.



6

RELATED TO IMAGE BRIEF

AI Fatigue

IMAGE NAME

AI am over it

CREATOR

Nadia Piet

ABOUT THIS IMAGE

This image captures AI fatigue, depicting the overwhelming flood of new tools and relentless headlines that leave many feeling disoriented.

WHY THIS TECHNIQUE

Overlaying AI icons around the figure's head conveys the mental overload, capturing the experience of trying to keep up with the fast-paced AI landscape.



7

IMAGE NAME
One Minute in the Life of Micro Worker

CREATOR
Dominika Čupková

ABOUT THIS IMAGE
This image highlights the hidden workforce of around 20 million micro-workers, primarily in the Global South. These “ghost workers” complete small, data-driven tasks for major tech companies like Facebook, Google and Amazon, though they remain largely invisible.

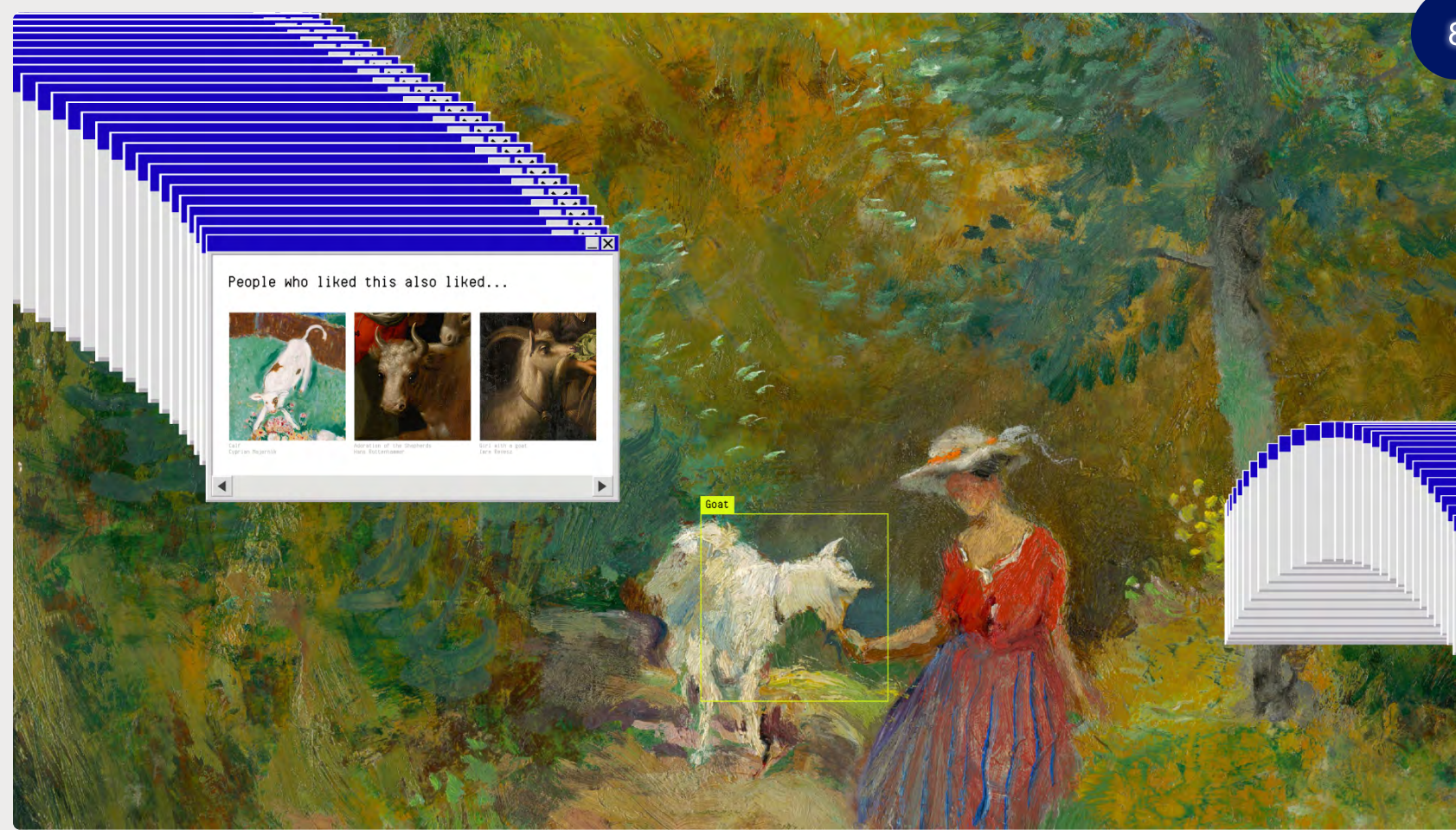
WHY THIS TECHNIQUE
Using overlay, this image visualises the repetitive nature of data labelling. Although classification tasks are seen as high-tech, training AI often involves a worker tracing each part of an image – like this cat – with their mouse.

RELATED TO IMAGE BRIEF

Data Labelling

Computer Vision

Hidden Labor



8

IMAGE NAME
You Might Also Like...

CREATOR
Dominika Čupková

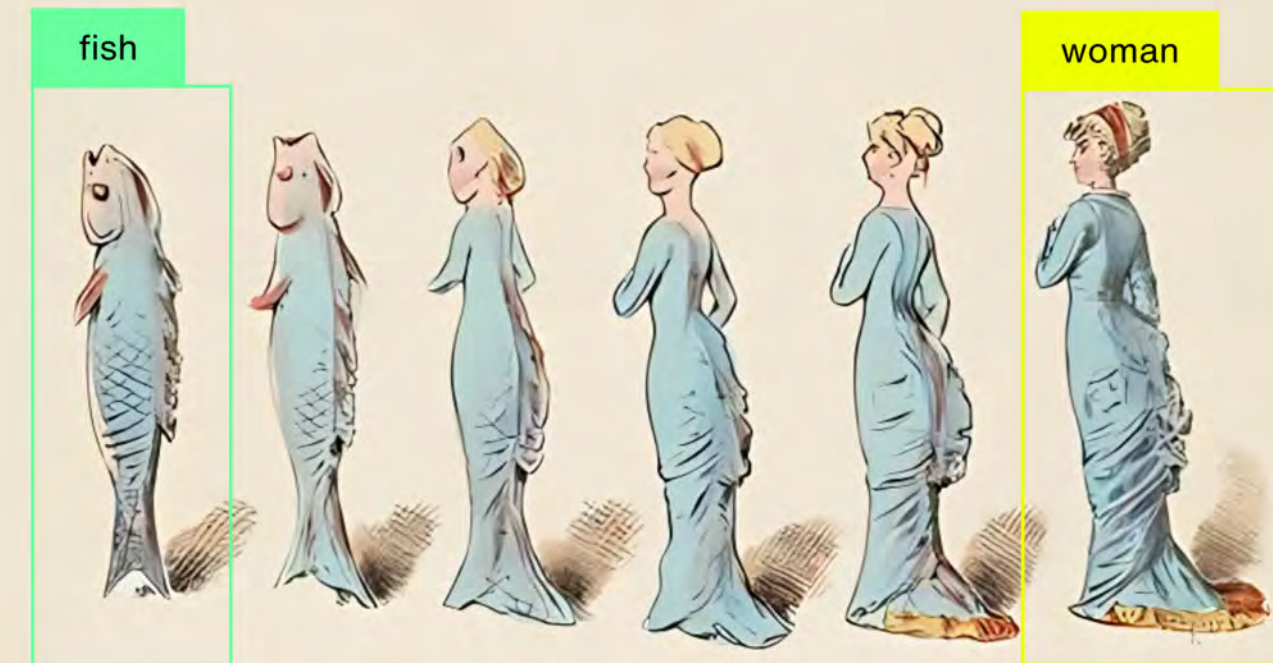
ABOUT THIS IMAGE
This image delves into the hidden mechanics of recommendation systems on social media. Ever wondered how platforms seem to know exactly what you’re interested in—like that carpet you’re contemplating buying? It raises questions about the vast amounts of personal data we unwittingly leave behind while browsing online. The visual captures the invisible algorithms that shape our digital experiences, emphasizing how our behaviors are tracked and leveraged to predict our desires and choices.

WHY THIS TECHNIQUE
In this image, we use an overlay technique to show how AI recommendation systems track our actions, even when they seem unrelated, to suggest things to us. The image mixes old and new styles—like oil paintings and computer windows, and both traditional and digital methods—to highlight how strange these recommendations can be because of the constant tracking of everything we do, even things that have nothing to do with shopping.

RELATED TO IMAGE BRIEF

Recommender systems

9



RELATED TO IMAGE BRIEF

Data Labelling

Image Recognition

Hidden Labor

Computational Gaze

IMAGE NAME
Classifying Fish/Woman

CREATOR
Nadia Piet

ABOUT THIS IMAGE
This image depicts a gradual transformation between fish and woman, challenging rigid classification boundaries and highlighting the fluid, in-between states that defy neat categorization. It evokes early image-generation GAN (Generative Adversarial Networks) models, which generated visuals at the midpoint between two concepts in latent space, producing entertaining yet thought-provoking imagery that underscores the complexity, ambiguity, and limitations of data labeling.

WHY THIS TECHNIQUE
In this image, we use the Overlay technique, using boxes around objects to show how AI classifies them.

Collage

You can do it!

Consider the technique of “collage” as “overlay” in over-drive. Instead of annotating the original image, we use scraps of existing images to create an entirely new one image. When an element is singled out and swapped for another, it draws attention to how this element is highlighted or disregarded in our stories about AI.

We’ve found this technique helpful in visualizing the following AI concepts:

- Showcasing the consistency of the human experience over millennia
- Connecting the dots on seemingly separate ideas, like “cloud” computing and the materials, minerals, or rocks required to make and run computers
- Illustrating abstract AI narratives like “cloud” or “frontier”

“Collage has quite a recognized aesthetic right now. It’s in its glory moment. It’s fucking everywhere.”

Alice Isaac

Helpful Tools

Super accessible image-making technique—minimal design skills needed.

- [Canva](#)
+ background remover (pro feature)
- [Procreate](#) / [Miro](#) / [Slides](#)
- Some more scraps for you here [👉](#)

examples in the wild



[C/change](#)



Nav Kriti by [A4.Achaar](#)

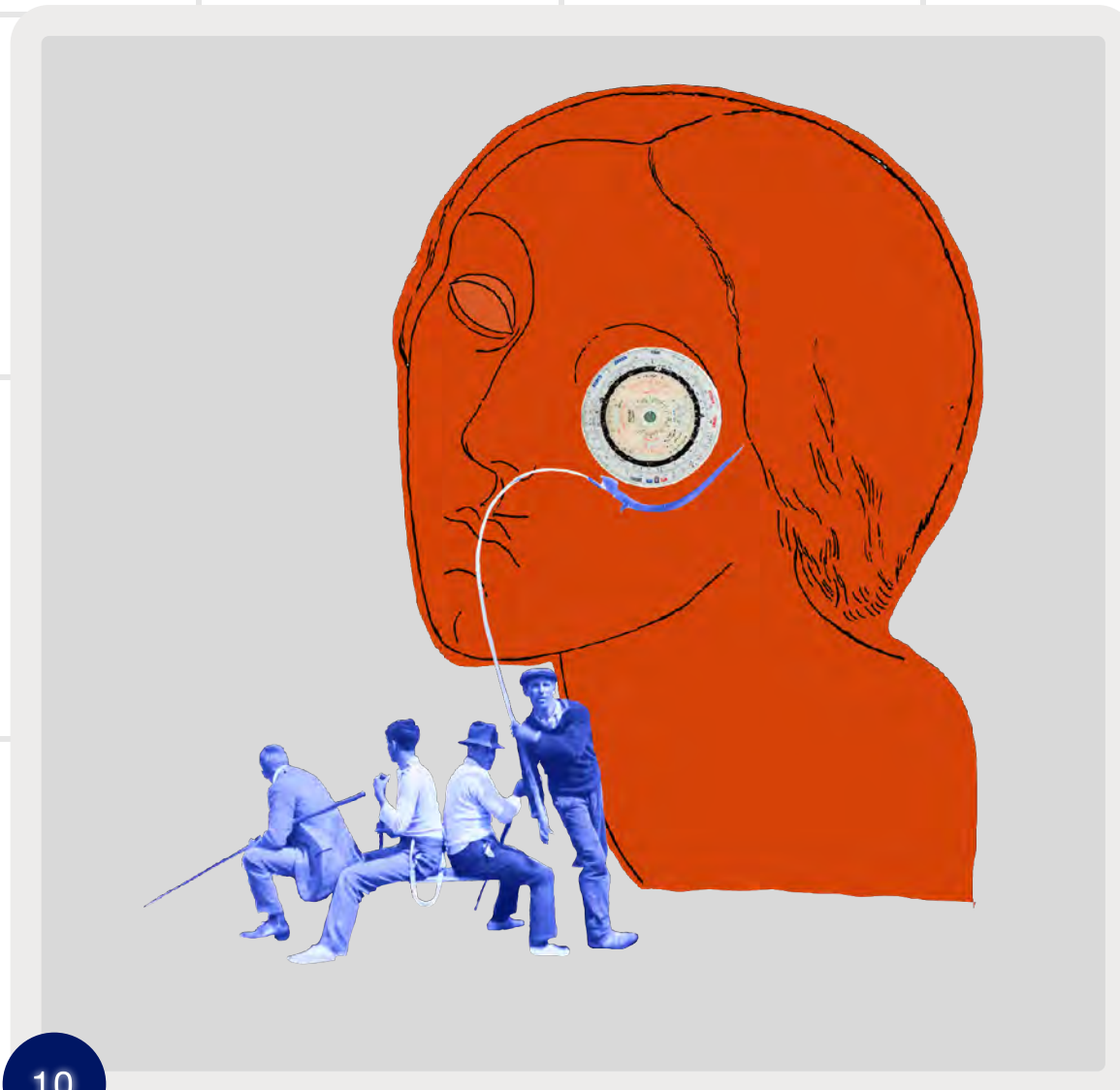


Unknown



[AI Sharecroppers](#), Aida Amer, Axios

how to make



10

RELATED TO IMAGE BRIEF

Data Extraction

IMAGE NAME

Gone fishing – data extraction

CREATOR

Zeina Saleem

ABOUT THIS IMAGE

In *Gone fishing*, fishermen are shown siphoning life force from an unknown figure, drawing a parallel to how big tech companies extract data from people for their own benefit, often with little direct advantage to those providing it.

WHY THIS TECHNIQUE

Using collage, Zeina played with scale by placing a looming figure of a woman's head over the fisherman, representing the "silent giant" power of individuals within data extraction.



11

RELATED TO IMAGE BRIEF

Data Surveillance

Gendered AI

IMAGE NAME

Gossip Girl

CREATOR

Zeina Saleem

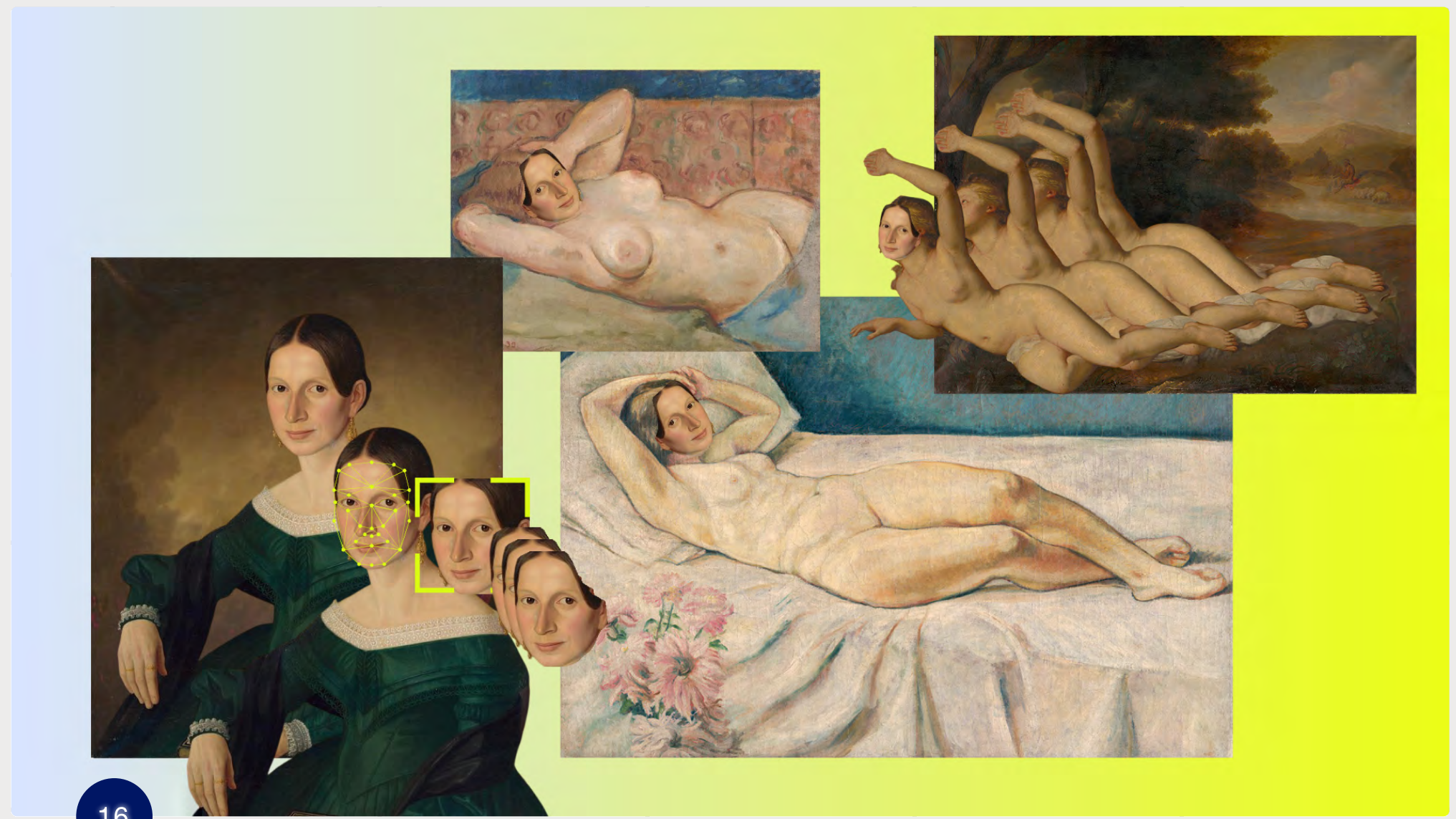
ABOUT THIS IMAGE

Gossip Girl challenges our gendered narratives of data surveillance and/or data capitalism. In this image Zeina challenged the concept of masculine data overlords with that of a gossiping girl spreading misinformation and/or disinformation to anyone that'll listen.

WHY THIS TECHNIQUE

In this image, Zeina used collage to "build" this version of *Gossip Girl*, combining the head found on a 1929 magazine cover with the body of a young girl on the phone. This image challenges the view of data surveillance as a hyper-masculine, capitalist phenomenon, reframing it with a seemingly innocent gossip. Misinformation and disinformation can also originate from sources we might not suspect, later taking a life of their own.

Zeina also added a camera "third eye" and antennas to symbolize data intake from multiple sources.



16

IMAGE NAME
19th Century Shallowfake P0rn

CREATOR
Dominika Čupková

ABOUT THIS IMAGE
The number of deepfakes online doubles every six months, with over 5.2 million predicted by 2024. Alarmingly, 90% of these are non-consensual pornography targeting women. In many regions, laws against deepfake pornography are weak, allowing more than 3,000 websites focused on intimate image abuse to operate unchecked. This image raises awareness by deconstructing the deepfake creation process using 19th-century oil portraits and nudes.

WHY THIS TECHNIQUE
By overlaying computerized elements, the collage visually deconstructs deepfake technology, helping viewers understand the underlying mechanisms and hidden processes of these manipulations.

RELATED TO IMAGE BRIEF

- Deepfakes
- Generative AI

IMAGE NAME
Data Mining

CREATOR
Hanna Barakat

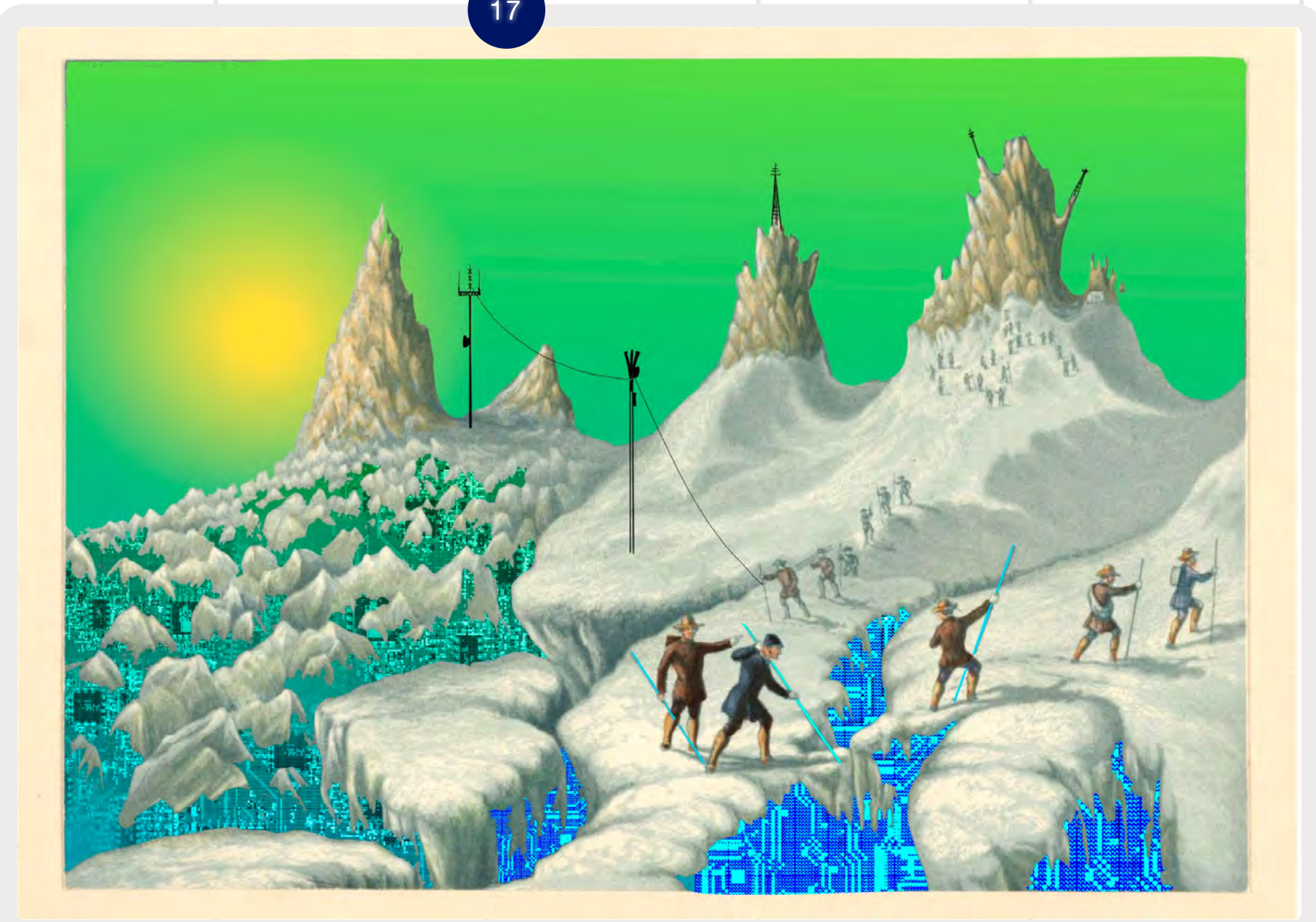
ABOUT THIS IMAGE
This image series explores the “new frontier” of AI technology, using John MacGregor’s 1855 painting, The Ascent of Mont Blanc, as a base. Overlaying images of wires and circuits, the collage ironically comments on the idea of “progress” as it relates to environmental extraction. It positions AI as a system rooted in labor, materials and capital, emphasising the often-invisible labour behind electronics manufacturing in the Global Majority.

WHY THIS TECHNIQUE
By juxtaposing gradient backgrounds with layered microchips, wires and cell towers, this piece creates an ironic visual commentary on digital colonialism and the aesthetic of high-tech companies. The use of playful colours contrasts sharply with the fragile foundations of AI infrastructure, highlighting the environmental and human cost of digital progress.

RELATED TO IMAGE BRIEF

- AI Materiality
- Frontier Models
- Hidden Labor

17



Surprisingly
easy!

Distortion

Distortion involves altering an image while keeping both the original and modified parts visible. It's a way of manipulating the image without completely erasing its initial form.

We've found this technique helpful for the following AI concepts:

- Computational gaze – How does AI “see” the world?
- Obscuring certain elements
- Making something more visible
- Making the hidden narrative visible
- Making the logic of the machine visible
- Depicting the digitization of feelings, actions or processes
- Showing AI in real-life contexts *in situ*
- Highlighting the connections between our digital and physical worlds

Helpful Tools

This technique can be one of the most challenging to master, but it offers unique rewards

- [Constraint Systems](#)
- [Toooooools.app](#)
- [Flosscross](#)

examples in the wild

Rogier Klomp



Kim Asendorf



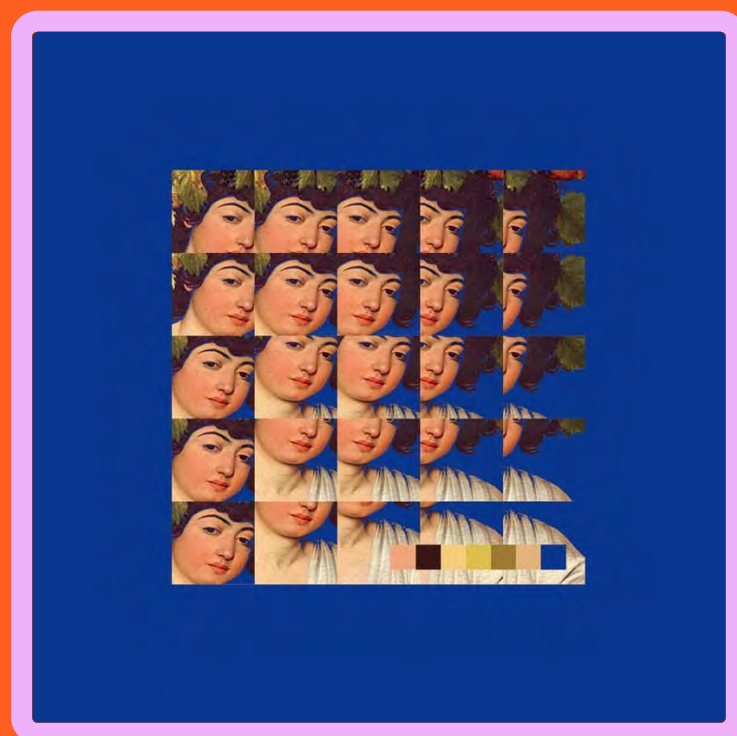
Deborah Stevenson,
"Attention to Detail" - collage
on paper, 2011



Chia Amisola

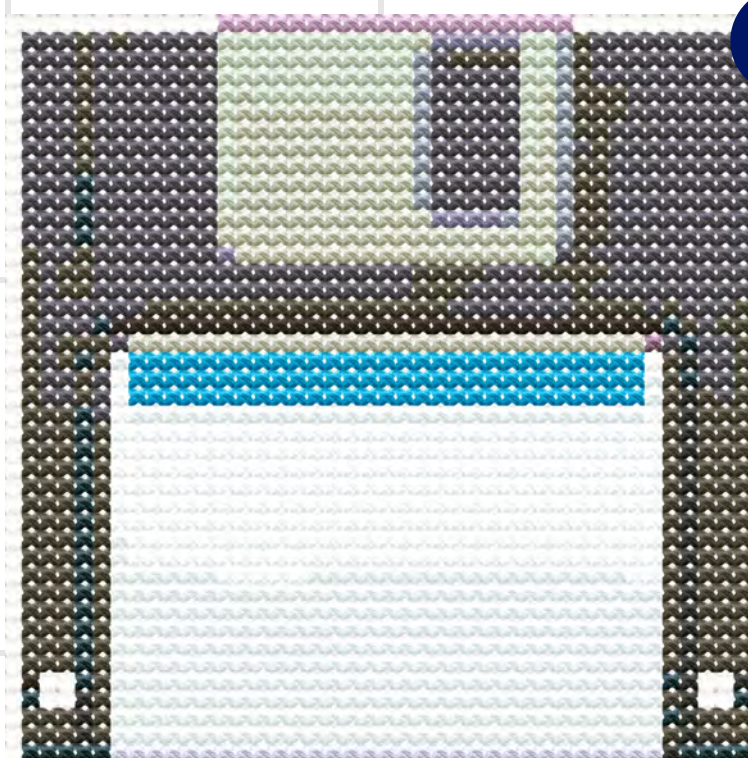


Indonesia is trying to block LGBTQIA content from the internet, [June 2024](#), Rest of World/Redux



Source: unknown

how to make



18

IMAGE NAME
Cross-stitch emojis

CREATOR
Cristóbal Ascencio

ABOUT THIS IMAGE

This small collection features tech-related emojis designed as cross-stitch patterns. The eye, computer, and brain emojis represent how both embroidery and AI are good at identifying and replicating complex patterns. Just as each stitch contributes to a larger design, the interconnected nodes in neural networks create sophisticated AI systems. The repetitive nature of cross-stitching mirrors the iterative processes of machine learning algorithms, both gradually working towards a complete picture.

WHY THIS TECHNIQUE

Using Flosscross, these serve as a visual metaphor for the underlying similarities between old human skills and cutting-edge AI processes

RELATED TO IMAGE BRIEF

Pattern Finding

Generative AI

TUTORIAL

- Go to: flosscross.com.
- Choose "From Image" and select your image.
- Select the image of your choice.
- Follow tool instructions and save.



21

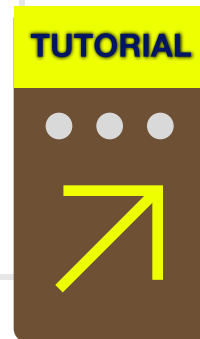
IMAGE NAME
Datamoshing in a .txt file

CREATOR
Cristóbal Ascencio

ABOUT THIS IMAGE
This set of images explores digital imagery, data manipulation, and environmental issues through a technique known as datamoshing. Using archival landscape photographs of Finnish lakes and mountains as a base, the images files were corrupted by opening them in a text editor and inserting fragments of news articles about AI data centers and their resource consumption directly into the image files code. This process results in visually distorted landscapes that symbolically represent the impact of technology on natural environments.

WHY THIS TECHNIQUE
The corrupted images can be seen as a visual metaphor for the environmental costs of digital infrastructure, particularly the high energy and water usage of large-scale AI operations.

RELATED TO IMAGE BRIEF
Ecological Cost of AI



22

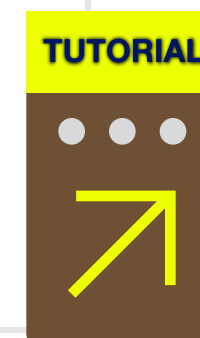
IMAGE NAME
Datamoshing in audio software

CREATOR
Cristóbal Ascencio

ABOUT THIS IMAGE
This set of images explores data manipulation through a technique known as datamoshing. Using a set of archival illustrations depicting various machines alongside animals and human features as a base. The images were imported into audio editing software as RAW data. The image is then transformed into audio and was then manipulated using different effects that are usually applied to sound. The corrupted data was then exported back into image format.

WHY THIS TECHNIQUE
This process serves as a metaphor for the complex relationships between humans, nature, and technology. By merging historical imagery with digital manipulation, the piece comments on the evolution of visual technology and how our understanding of images changes with new tools and perspectives. This glitch aesthetic doesn't merely represent errors, but rather opens up new interpretative possibilities.

RELATED TO IMAGE BRIEF
Data Surveillance
Datafication



Similarly, AI-frontier models usher in new forms of colonization within digital realms, their technical prowess often overshadowing the environmental and labor exploitation that underpins them (from extractive mining in the Congo to the history of hidden labor in manufacturing transistors and circuits). The visual similarities between these two types are characterized by a Luminist quality of light and expansive and empty lands that blur the line between history and future—elements often associated with the 19th-century U.S. paintings are eerily replicated in the canon of AI-generated imagery, but underpinning these images is continued colonial history.

Gina Helfrich reminds us that the term “frontier AI” continues the colonial mindset, “further reinscribing the harmful dynamics between the handful of powerful Western companies who produce today’s generative AI models and the people of the “Global South” who are most likely to experience harm as a direct result of the development and deployment of these AI technologies.”

In this light, by overlaying the dramatic aesthetics of contemporary AI-generated art with the sweeping landscapes of Manifest Destiny paintings, the images seek to unveil parallels between the two eras. The visual similarities work as evidence of “progress” – a proxy for expanding U.S. frontier models (imbued with notions of democracy and capitalism) across the globe.

ABOUT

Search Queries

- Manifest Destiny
- Hudson River Settlements
- Westward Expansion
- Settler
- Hudson River School
- Earth Spectacle
- Show

Archive

- [Smithsonian Open Access](#)
- [MOMA Open Access](#)
- [Wikimedia Commons](#)
- [New York Public Library: Public Domain Collections](#)

Techniques

- Overlay / Collage / Distort

PROCESS

pointing west: light as a symbol of divine right

colored a range of hues...
...to...
...to...
...to...

...to...
...to...
...to...

...to...
...to...
...to...

...to...
...to...
...to...

images of westward expansion

combining them with the physical elements of digital...
...to...
...to...

Thinking about the history of...
...to...
...to...

...to...
...to...
...to...

hand of god...
...to...
...to...

playing with highlighting the light source, and mountains as a metaphor for settlers "divine right" for Westward expansionism

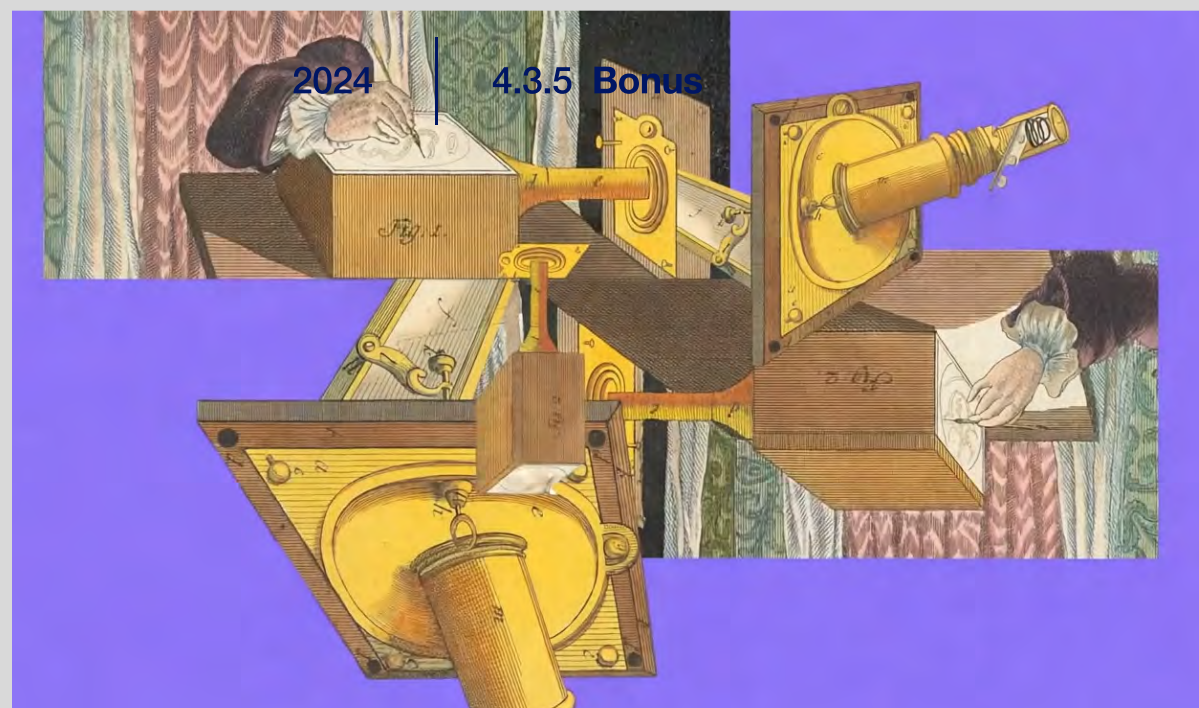
hands and computer vision to exaggerate the meaning

Moving Images

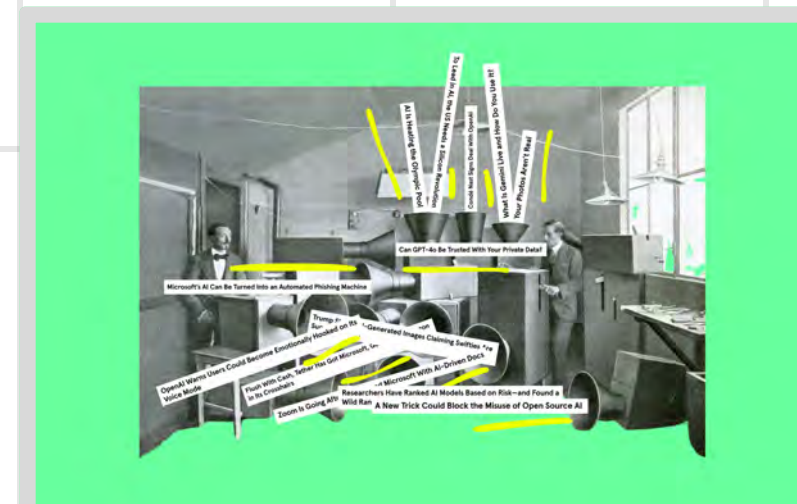
Animating cultural heritage images allows viewers to engage with stories in a dynamic way, focusing on an action or capturing subtle shifts in time, mood and emotion. Movements – like a hand tugging at fabric or elements flowing naturally – enhance storytelling by highlighting details that may go unnoticed in a static image, creating a more sensory and layered narrative.

In today's digital culture, moving images often stand out more in crowded feeds, capturing attention more effectively than still images and sometimes even nudging algorithms in your favour.

Fortunately, creating these animations doesn't require advanced skills. You can add movement by screen-recording while flicking between two or more variations of an image, or by exploring AI tools such as Runway ML's Gen-3 Alpha Turbo to transform static images into dynamic visuals. For more inspiration, check out [GIF IT UP's](#) online tutorials on making GIFs.



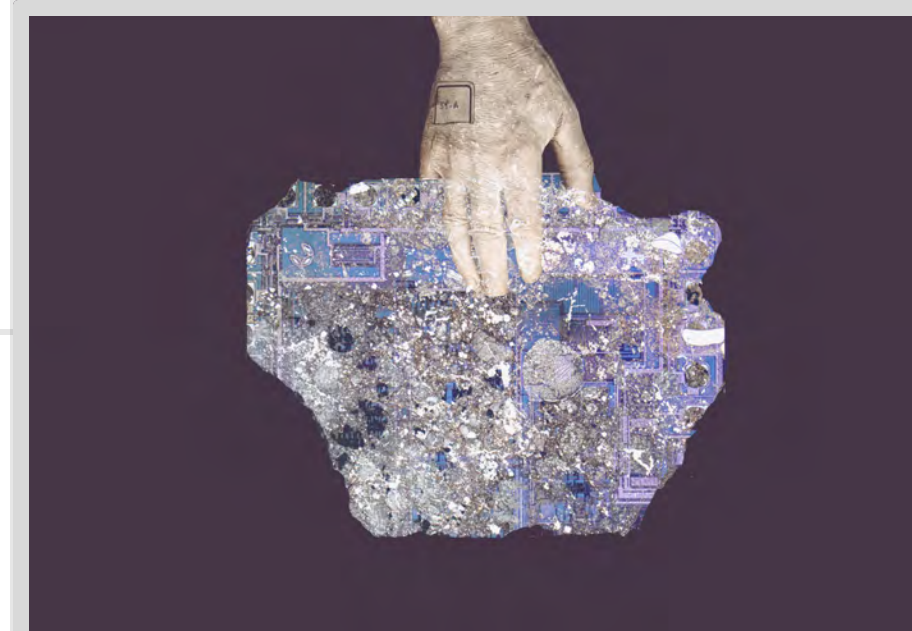
Model Collapse, Nadia Piet



Noise from News, Nadia Piet

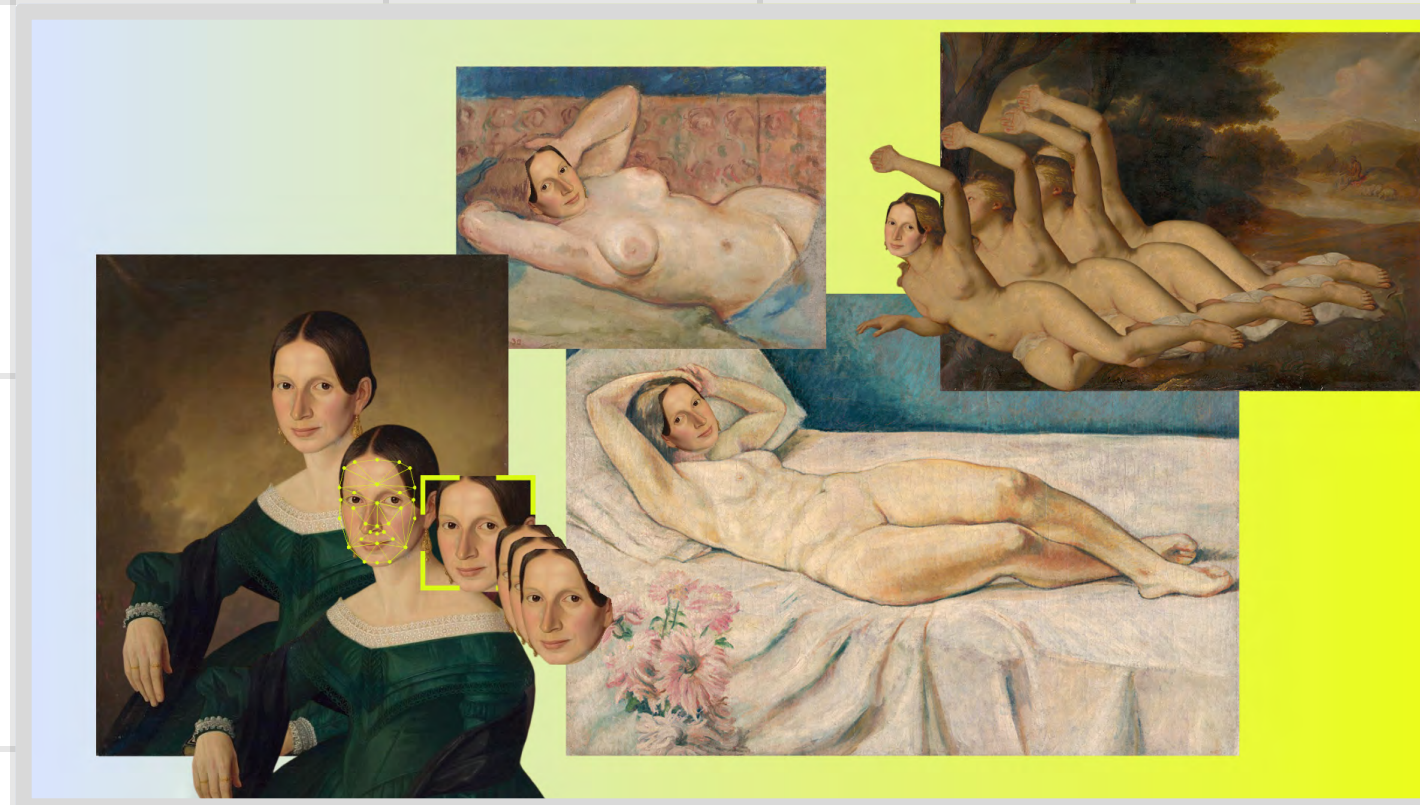


One Minute in the Life of a Micro Worker, Dominika Cupkova



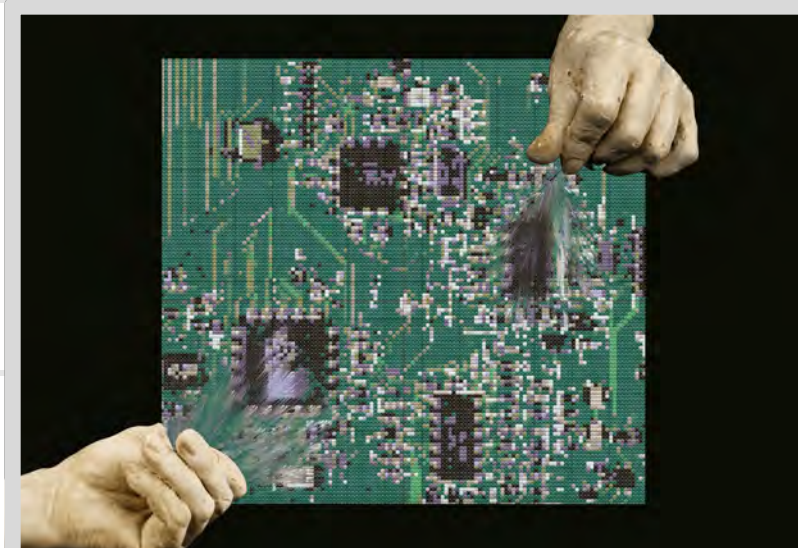
Rare Metals, Hanna Barakat

Salt to Bitcoin, Zeina Saleem



19th Century Shallowfake Porn, Dominika Cupkova

Baby's Day Out, Zeina Saleem



Woven Circuits, Hanna Barakat

s playbook couldn't
been possible witho
kes a village to rais

Colophon

Researchers

Ploipailin Flynn
Nadia Piet
Dominika Cupkova

Imagemakers

Cristobal Ascencio
Hanna Barakat
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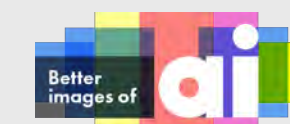
Graphic Design

Kaashvi Kothari

Publisher

AIxDESIGN

AI × DESIGN



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