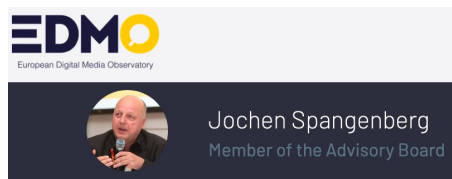
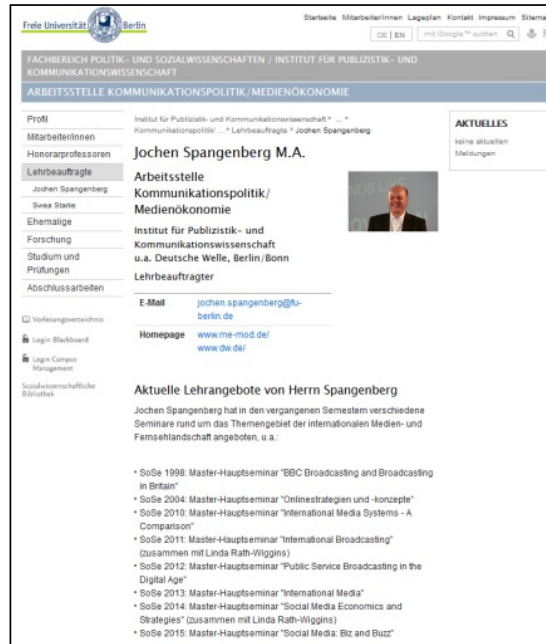
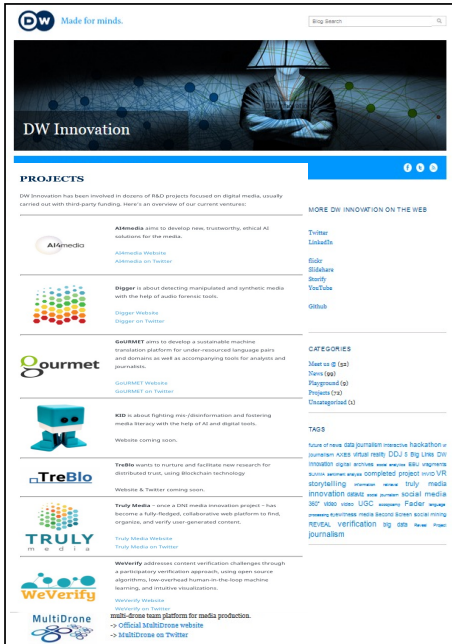


Advances in technological developments, AI, disinformation, and verification

Jochen Spangenberg
Deutsche Welle
News Impact Summit
Warsaw, 9 Oct 2025



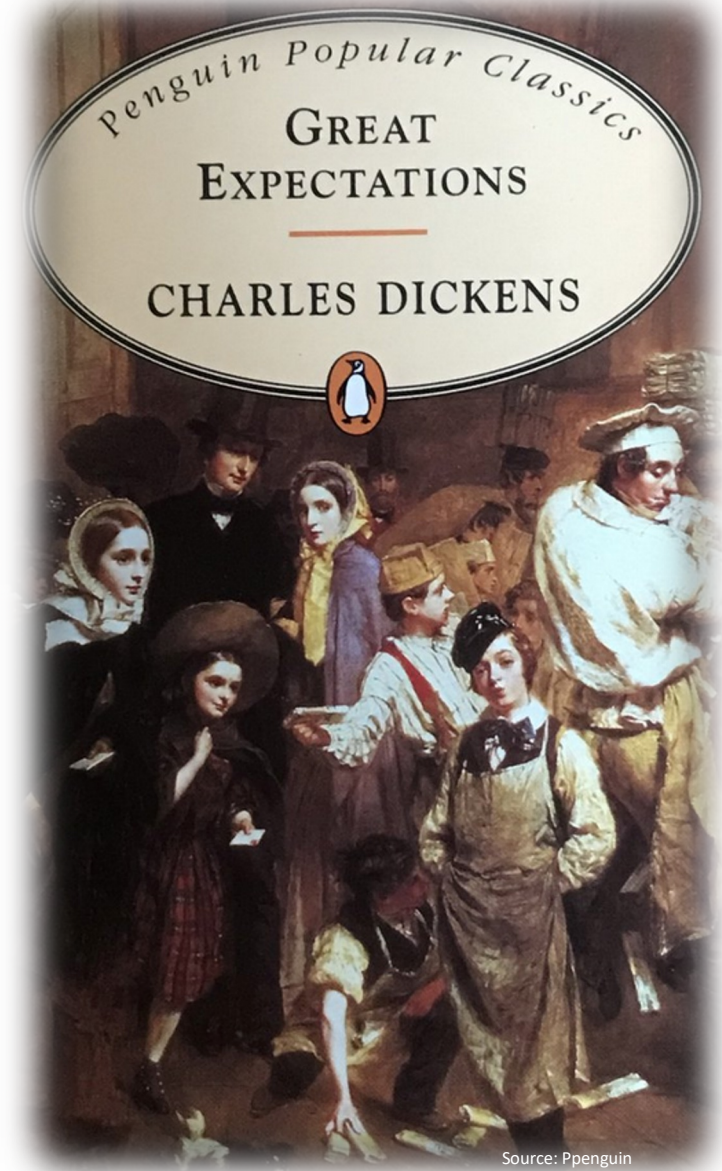
About me



Sources Pixabay - CC0; Jochen Spangenberg; DJ, EDMO; CEDMO; GADMO, vera.ai, FUB, DW

Expectation management ("what's in a title...?")

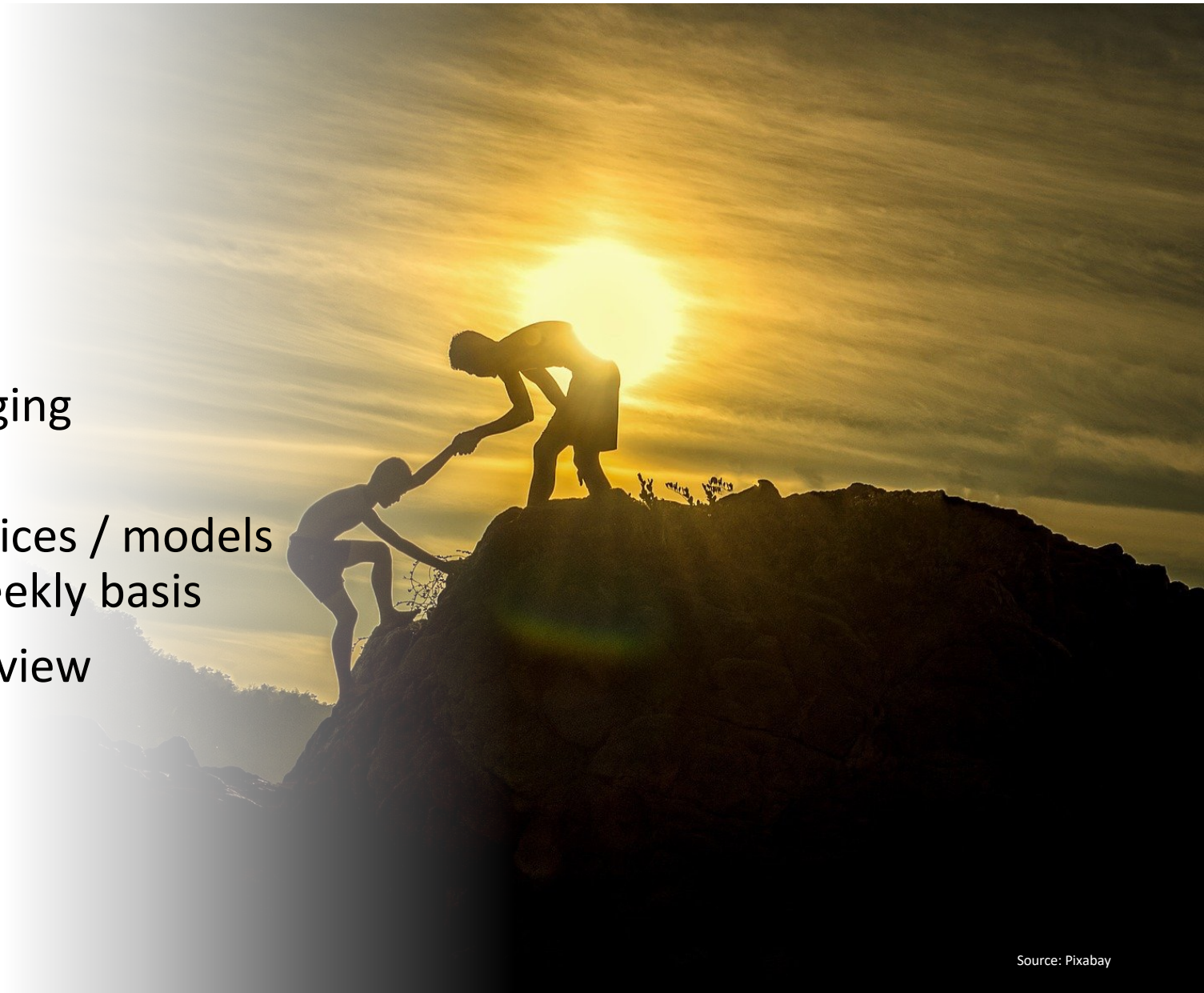
- Technological developments / advances ...
- Disinformation ...
- Verification ...
- AI ...



Source: Ppenguin

Challenges

- Super fast-changing environment
- New tools / services / models on an almost weekly basis
- Keeping an overview
&
- Not bore you!

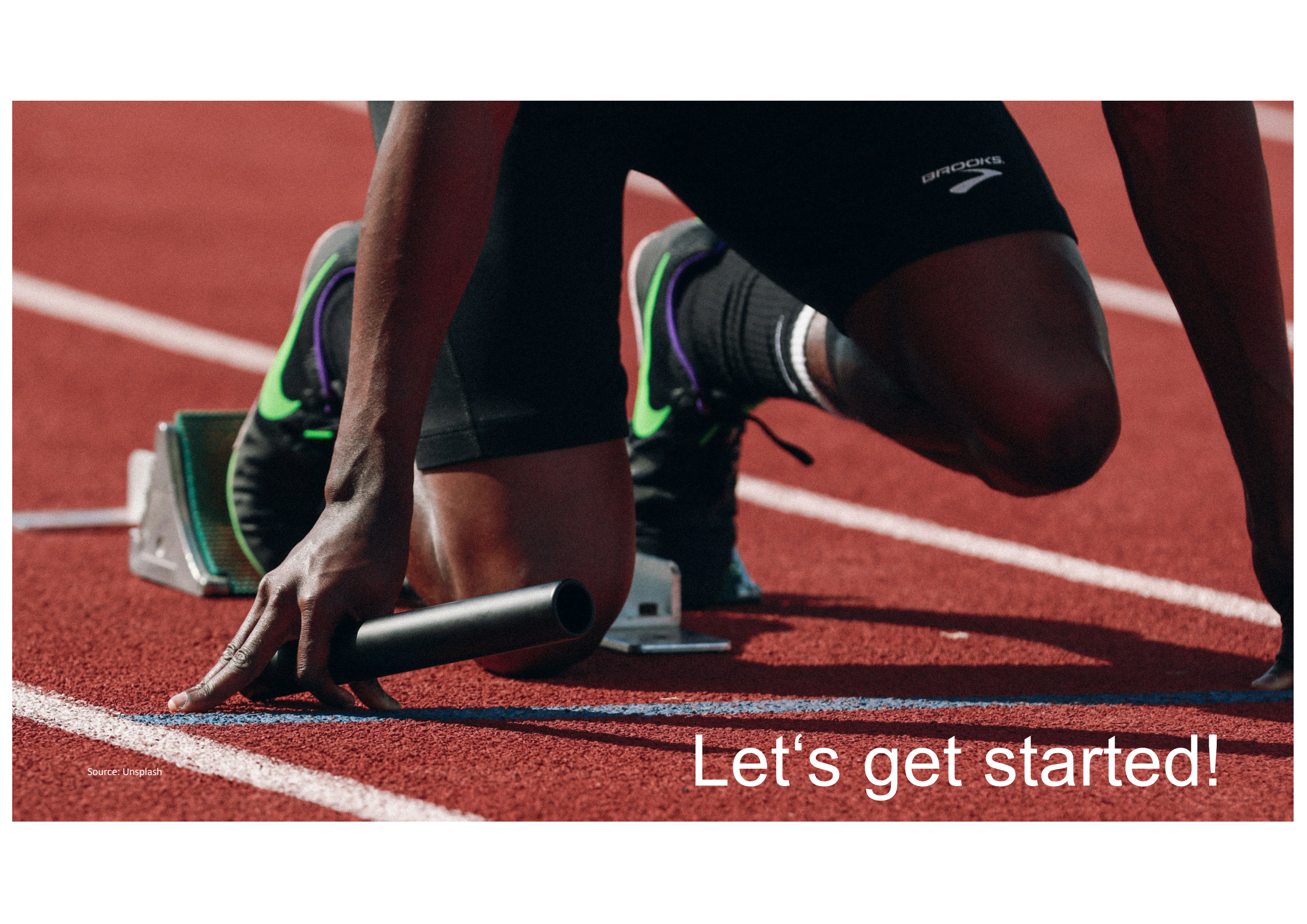


My approach (and aim) generally today

- Contextualize
- Provide a selection of examples
- Give food for thought
- Discuss

In particular, I will try and

- take a glimpse at the situation overall
- look at a selection of developments regarding the spread of disinformation (facilitated by tech / AI)
- provide examples
- put this into a journalistic context
- show selected works and outcomes from a research project (vera.ai) that support in verification and countering disinformation
- raise issues for debate
- do all that without being a tech expert



Source: Unsplash

Let's get started!

Pressing concerns

2 years

1 st	Misinformation and disinformation
2 nd	Extreme weather events
3 rd	State-based armed conflict
4 th	Societal polarization
5 th	Cyber espionage and warfare
6 th	Pollution
7 th	Inequality
8 th	Involuntary migration or displacement
9 th	Geoeconomic confrontation
10 th	Erosion of human rights and/or civic freedoms

10 years

1 st	Extreme weather events
2 nd	Biodiversity loss and ecosystem collapse
3 rd	Critical change to Earth systems
4 th	Natural resource shortages
5 th	Misinformation and disinformation
6 th	Adverse outcomes of AI technologies
7 th	Inequality
8 th	Societal polarization
9 th	Cyber espionage and warfare
10 th	Pollution

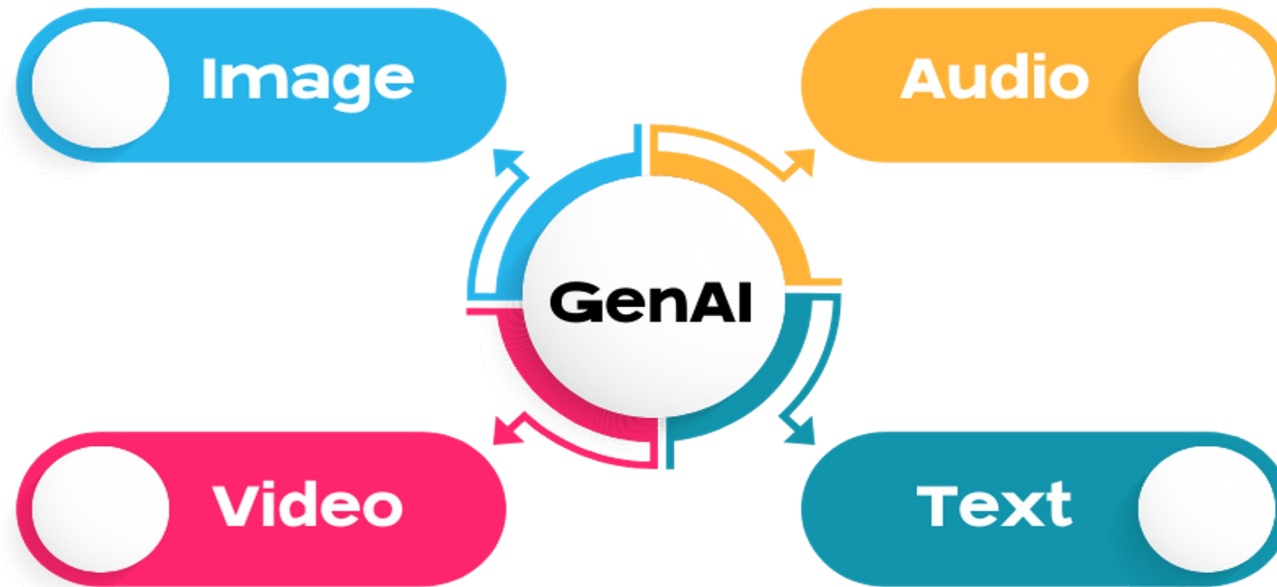
Source: World Economic Forum Global Risks report 2025 https://reports.weforum.org/docs/WEF_Global_Risks_Report_2025.pdf



HOW AI IS CHANGING EVERYTHING

Source: Business Insider

What we're seeing



Digital content as a news and information (re)source. OR The value of digital media (UGC) for news (reporting)



Brussels, Belgium
21 Mar 2016

Source: Screenshot of video by
Pinchas Kopferstein.
On YouTube [here](#).



Kabul, Afghanistan
16 Aug 2021

Source: Screenshot from video
uploaded by an unknown source



Poltava, Ukraine,
1 Feb 2025

Source: Ukrainian emergency services,
via Telegram



Nasser Hospital, Gaza City,
25 Aug 2025

Source: unknown. Verified by BBC Verify.
On YouTube [here](#)

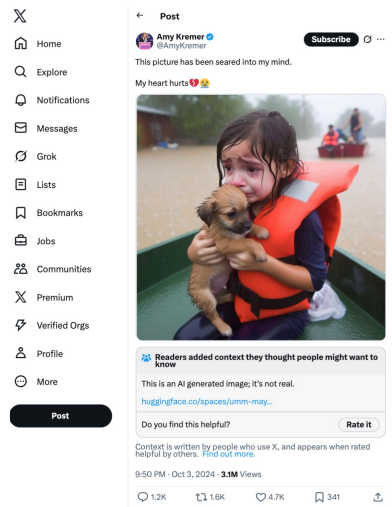
Tech getting more and more “sophisticated”



Source: automatically created with Midjourney v5, by Eliot Higgins (shared via [Tweet of 21 March 2023](#))



Source: Comofoto / Adobe Stock (2024). In Adobe Stocks library, the picture contains the note – in small writing – that the image was AI-generated



Source: [Tweet](#) by US Republican Amy Kremer, 3 Oct 2024



Source: AI-generated video, shared by Donald Trump on Truth Social, depicting a “re-imagined Gaza”. February 2025. [On YouTube, with comments by the Guardian.](#)



Source: Video created using Open AI's Sora AI technology
Source / taken from: [Tweet of Ben Nash](#), taken 17 Feb 2024

Text to video – Sora AI by Open AI

Prompt:

A white and orange tabby cat is seen happily darting through a dense garden, as if chasing something. Its eyes are wide and happy as it jogs forward, scanning the branches, flowers, and leaves as it walks. The path is narrow as it makes its way between all the plants. The scene is captured from a ground-level angle, following the cat closely, giving a low and intimate perspective. The image is cinematic with warm tones and a grainy texture. The scattered daylight between the leaves and plants above creates a warm contrast, accentuating the cat's orange fur. The shot is clear and sharp, with a shallow depth of field.



It's getting serious



Israel-Iran conflict unleashes wave of AI disinformation

21 June 2025

Share Save

Matt Murphy, Olga Robinson & Shayan Sardarizadeh BBC Verify



A wave of disinformation has been unleashed online since Israel began strikes on Iran last week, with dozens of posts reviewed by BBC Verify seeking to amplify the effectiveness of Tehran's response.

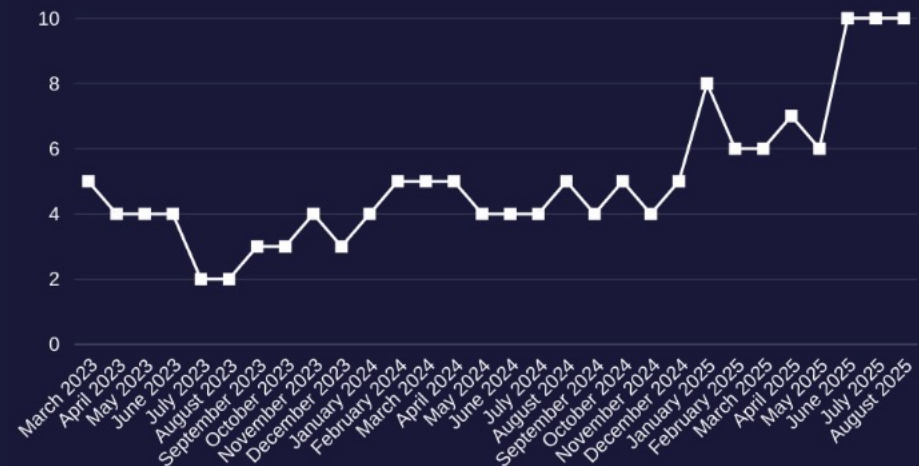
"...the first time we've seen generative AI be used at scale during a conflict,"
Emmanuelle Saliba, Chief Investigative Officer
with analyst group Get Real

Source: [BBC](#), 21 June 2025

EDMO
European Digital Media Observatory

THE LEVEL OF AI-GENERATED DISINFORMATION STAYS HIGH

The percentage of disinformation stories using AI-generated content remained stable in August, along with the previous months' record. Out of 1,441 fact-checking articles, 147 addressed the use of this technology in disinformation, representing 10% of the total.




Source: [EDMO Fact-checking brief No 51](#) of 15 September 2025

No longer like this...



Source: [Tweet by HumaZhr](#) of 23 Oct 2023, screenshot taken on 6 Feb 2024.





This is likely AI

Free Research Preview. AI or Not may produce inaccurate results

👍 CORRECT

👎

AI OR NOT?

Drop your image anywhere or **upload** from your device

AI Or Not



Hive Moderator

Next level



Source: [AlwitnessTV](#) (Sep 2025)

On and on it goes ...

OpenAI



Log in

September 30, 2025 Research Release Product

Sora 2 is here

Our latest video generation model is more physically accurate, realistic, and more controllable than prior systems. It also features synchronized dialogue and sound effects. Create with it in the new Sora app.

Download the Sora app ↗

← Home

Research Index

Research Overview

Research Residency

Latest Advancements

Sora 2

GPT-5

OpenAI o3 and
o4-mini

GPT-4.5

OpenAI o1

GPT-4o



Source: OpenAI announcement, 30 Sep 2025

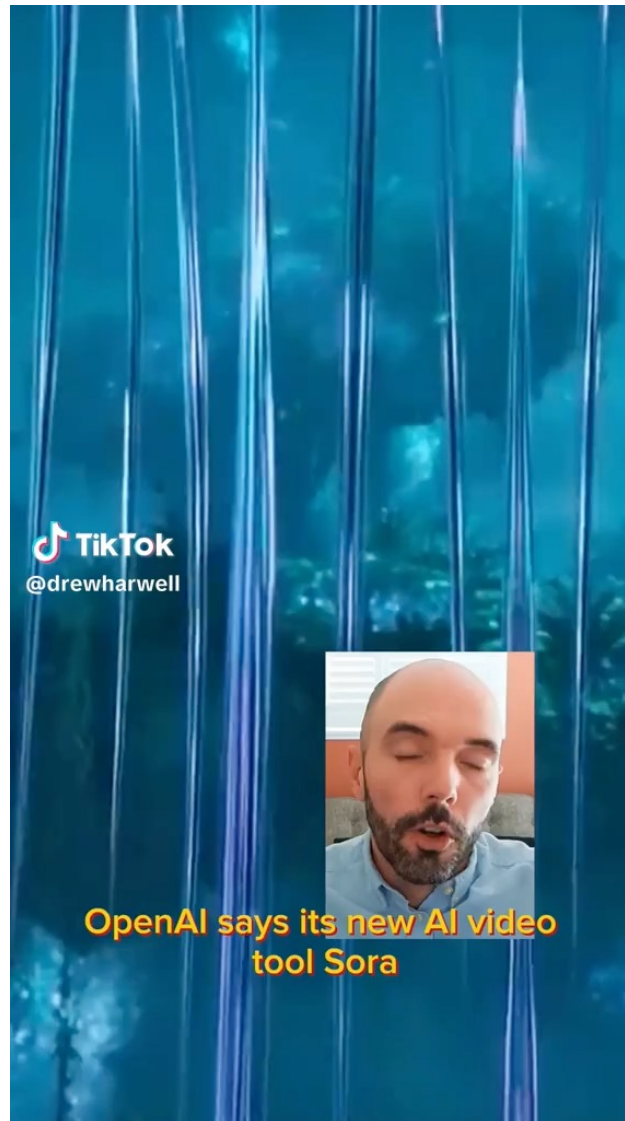


Prompt: a gymnast flips on a balance beam. cinematic



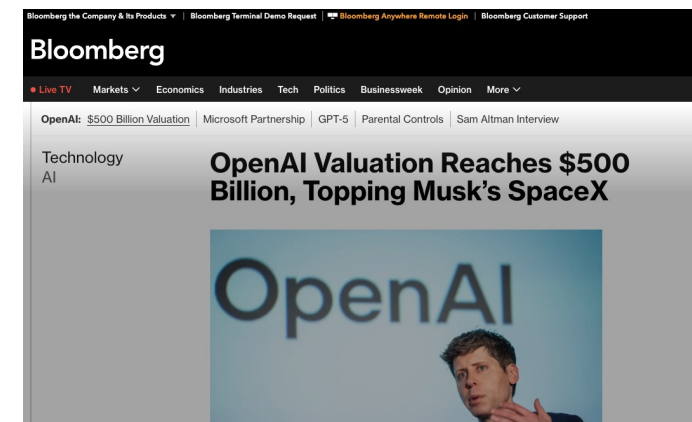
Prompt: man does a cannonball off diving board

According to Drew Harwell,
*‘OpenAI's "guardrails" against
bad content allow way more
than you'd expect.’*



Source: [Drew Harwell on TikTok](#) (3 Oct 2025)

By the way ...



Source: [Bloomberg](#) (2 Oct 2025)

However
(or: consider as well)



Jackson Hinkle 
@jacksonhinkle

Subscribe



  You CANNOT BREAK the Palestinian spirit.



7:52 PM · Nov 12, 2023 · 1.2M Views

 1.4K

 10K

 33K

 149



Source: [Post by @jacksonhinkle on Twitter](#), Screenshot taken on 6 Feb 2024



hassan.ghaedi.photo • Folgen ...



hassan.ghaedi.photo Life in war
The [#mother](#), who returned home
after the end of the conflict and
has found her child' toys. [#Homs](#)
[#Syria](#). On June 2016

پس از اتمام درگیری‌ها در شهر حُمص، مادری به
خانه‌اش بازگشته و اسباب‌بازی فرزندش را میان آوار
پیدا کرده است.

مادر، مادر است. هر جای دنیا که باشند.

[#gettyreportage](#) [#gettyimages](#) [#war](#)
[#syria](#) [#wpagency](#) [#noorimages](#)
[#viipphoto](#) [#agencevu](#) [#zumapress](#)
[#sputnik](#) [#epaphotos](#)
[#warphotography](#) [#dailylife](#)
[#streetphotography](#)

Bearbeitet · 207 Wo.



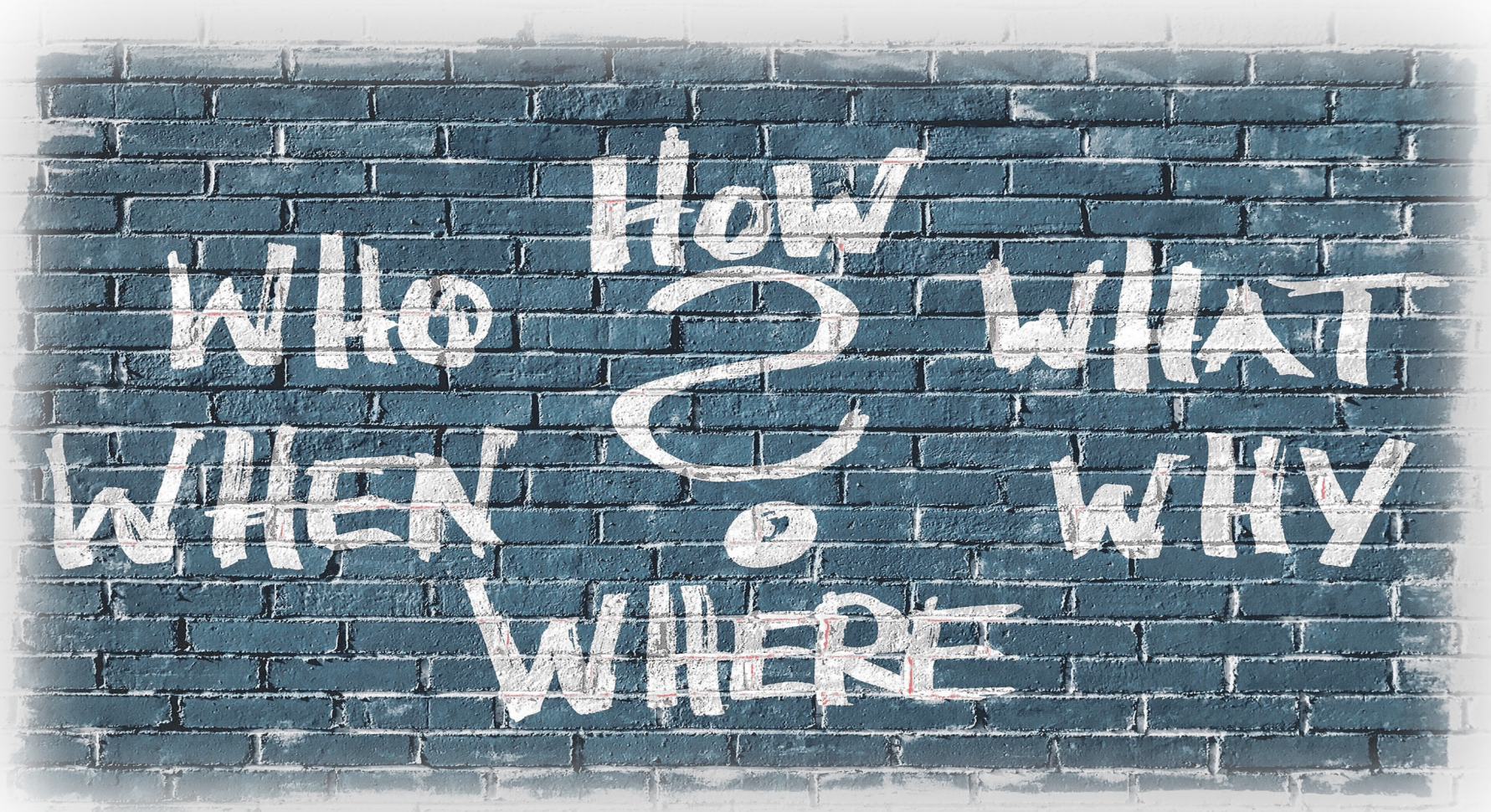
Gefällt 1.095 Mal

14. Februar 2020

Homs, Syria in
June 2016, NOT
Gaza
Nov 2023

Source: [Post by photographer Hassan Ghaedi on Instagram](#), posted 14 Feb 2020
(Screenshot taken on 6 Feb 2024, photo taken in June 2016)

Back to some (journalistic) basics



Source: Pixabay, CC0

Another “However “... (some crucial questions in-between)

- How can journalism keep the pace?
- How to keep up with technological developments?
 - for creation
 - for detection
- What does this mean for society (and democracy)?

Hannah Arendt: From an Interview

Hannah Arendt

October 26, 1978 Issue

Hannah Arendt made the comments that follow in 1974 during an interview with the French writer Roger Errera.

Totalitarianism

Source: [The New York Review](#)

Lies

The moment we no longer have a free press, anything can happen. What makes it possible for a totalitarian or any other dictatorship to rule is that people are not informed; how can you have an opinion if you are not informed? If everybody always lies to you, the consequence is not that you believe the lies, but rather that nobody believes anything any longer. This is because lies, by their very nature, have to be changed, and a lying government has constantly to rewrite its own history. On the receiving end you get not only one lie—a lie which you could go on for the rest of your days—but you get a great number of lies, depending on how the political wind blows. And a people that no longer can believe anything cannot make up its mind. It is deprived not only of its capacity to act but also of its capacity to think and to judge. And with such a people you can then do what you please.

“If everybody always lies to you, the consequence is not that you believe the lies, but rather that nobody believes anything any longer.”

This is what we are up against

RICK ASTLEY

NEVER GONNA
GIVE ~~YOU~~ UP

Released in 1987

4K





vera.ai

The vera.ai project team



14 partners:

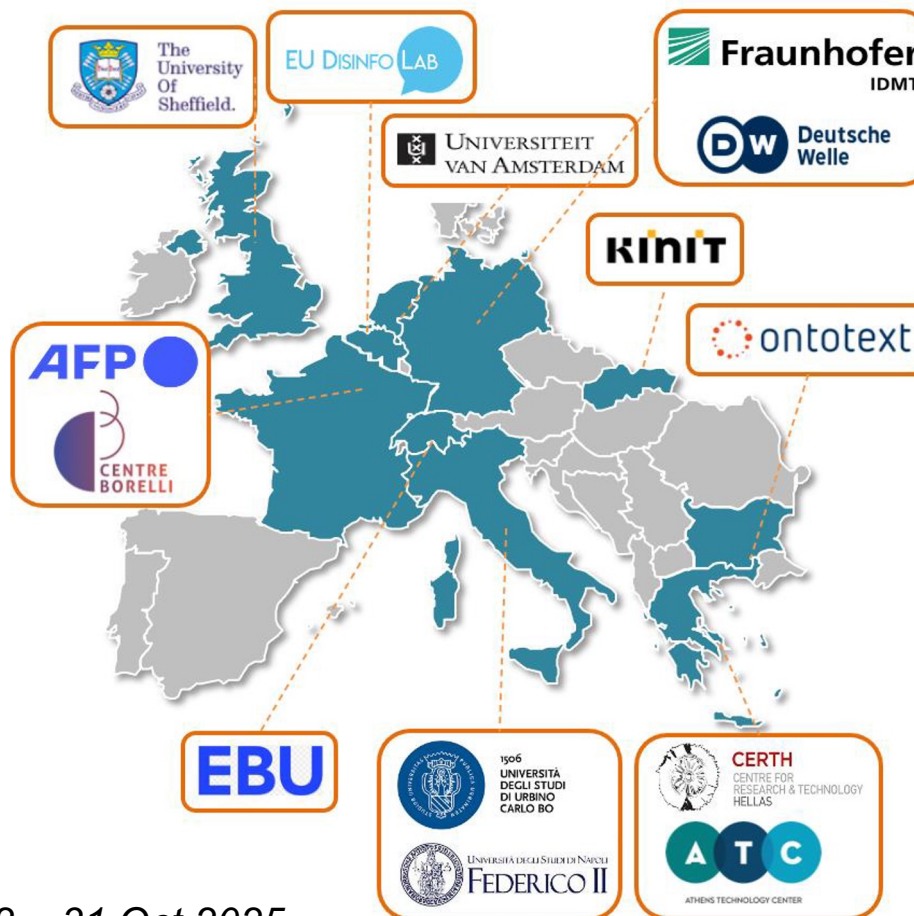
8 research organisations (universities, research centres)

2 commercial companies with relevant products

2 global news and information providers

1 NGO focussed on tackling disinformation strategically at EU-level

The world's biggest association of public service media organisations



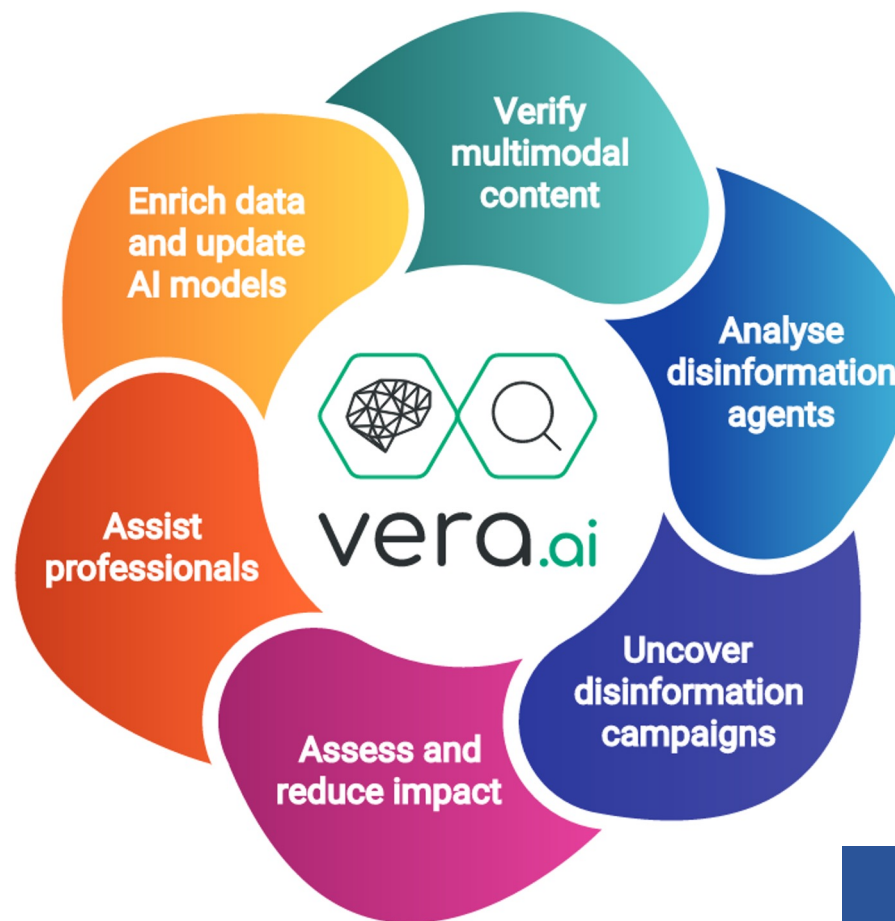
Project runtime: 15 Sep 2022 – 31 Oct 2025



vera.ai project consortium and goal



vera.ai is a Horizon Europe project that seeks to build professional **trustworthy AI solutions against advanced disinformation techniques**, co-created with and for media professionals & researchers and to also set the foundation for future research in the area of AI against disinformation.



vera.ai outcomes



- **Methods** (detection, analysis/enhancement, retrieval)
- **Datasets** (research enablers)
- **Studies** (real-world campaign mapping & analysis)
- **Evaluation** (involving hundreds of stakeholders/end users)
- **Dissemination & Outreach** (wide/relevant audience)
- **Development / integration of tools**
(supporting media professionals,
investigators, ...)

Selection of individual tools / components



Classifier flagging persuasion techniques

Leftist Canadian Prime Minister Mark Carney told reporters on Tuesday that he believes it is possible a final trade agreement with the United States would still raise tariffs on Canadian goods, suggesting he may not win any negotiation with President Donald Trump.

Carney made the admission shortly before joining a cabinet meeting to discuss how to approach President Trump's latest proposal: an increase in tariffs of Canadian goods to 35 percent if Ottawa continues not to help the United States contain the scourge of fentanyl and imposes tariffs on American goods that Washington deems unfair.

"There is not much evidence at this moment of agreements, arrangements, or negotiations with the Americans for any country, any jurisdiction, to have a tariff-free deal," Carney said, according to the Globe and Mail. Carney reportedly promised that communication with Washington will "intensify" in the coming weeks in anticipation of the August 1 deadline for the 35 percent tariffs to take hold.

The Globe and Mail noted that he had not previously stated publicly that negotiations could potentially not erase all of President Trump's tariffs, which became a major issue in the general election that Carney won this April.

"There are problems, obviously, in the automobile steel sector, aluminum, pharmaceuticals, and other areas that all need to be addressed. We need to stabilize the situation for Canada," Carney stated on Tuesday, urging Canadians to "recognize the commercial landscape globally has changed" since Trump began his second term in office.

President Trump published a letter on his website Truth Social last week to Carney addressing current tariff negotiations, extending the previous deadline for concluding a complete trade deal to August 1 but expressing disappointment with the pace of the discussions.

On August 1, Trump wrote, a 35 percent tariff would apply on all Canadian goods "separate from sectoral tariffs" and will increase if Canada retaliates with more tariffs. The president noted that his administration "has agreed to continue working with Canada, despite Canada having financially retaliated against the United States" by imposing active tariffs in response to prospective future tariffs.

Persuasion Techniques

Classifier confidence:

Select persuasion technique:

- Misleading Worded: Loaded Language (11)
- Justification: Flag Waving (6)
- Attack on Reputation: Name Calling or Labeling (5)
- Justification: Appeal to Fear/Prejudice (2)
- Attack on Reputation: Doubt (2)
- Misleading Worded: Exaggeration or Minimization (1)

Forensic trace analysis

Detection results

AI-Generated image detected

95%

No detection Detection

What do the gauge colors mean?

Explanation: The veraAI detector of the InVID-WeVerify plugin finds very strong evidence suggesting that this image is synthetic

Hide detection details

Latent Diffusion model

Probability: 95% Very strong evidence

STOP À LA SUBMERSION MIGRATOIRE

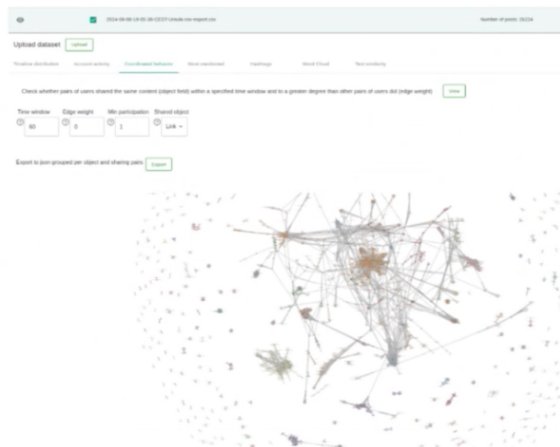
Rassemblement National

La submersion migratoire organisée par Bruxelles - C'est NOUVEAU !

Avec Jordan Bardella, nous retrouvons notre souveraineté grâce à l'Europe.

<https://www.digitalemethods.net/Dmi/Al-generated-Rassemblement>

Social Network Analysis (tracking Coordinated Inauthentic Behaviour)



Audio analysis

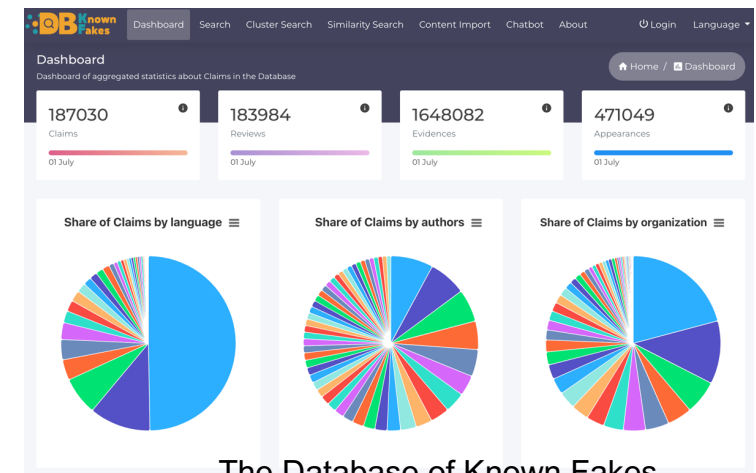
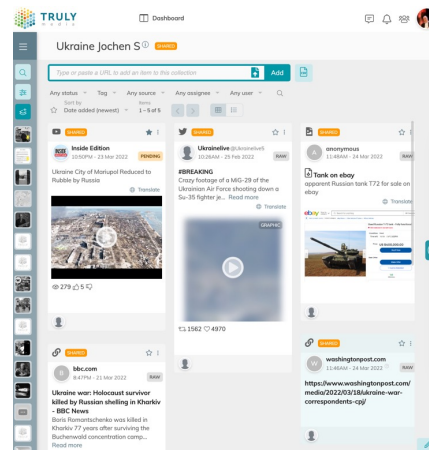
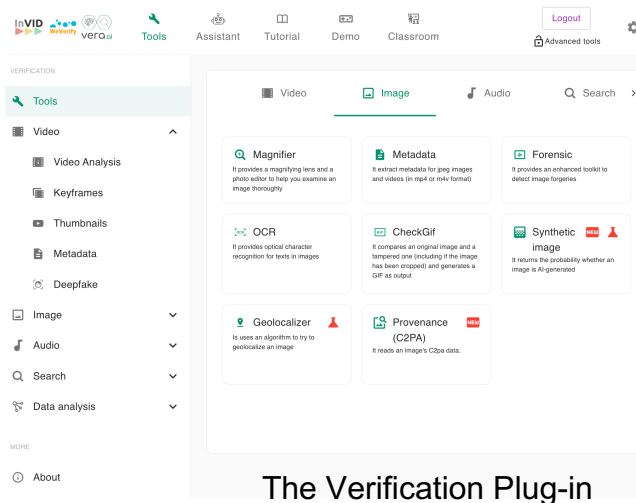
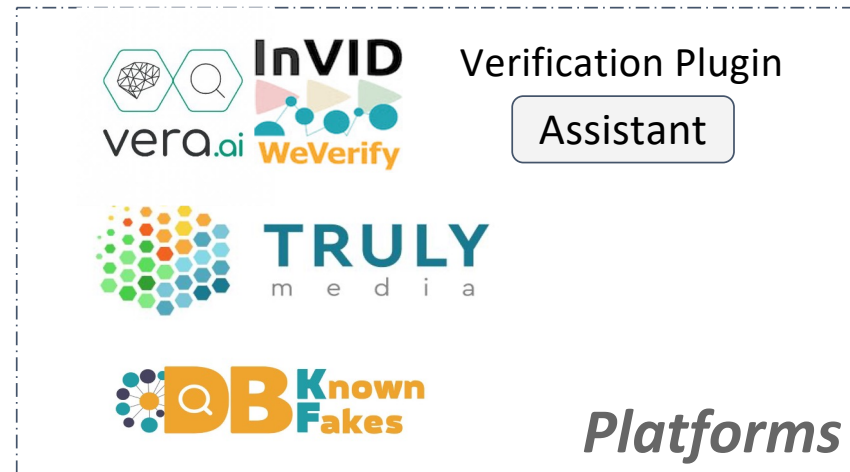
Change comparison

Export Audio Comparison

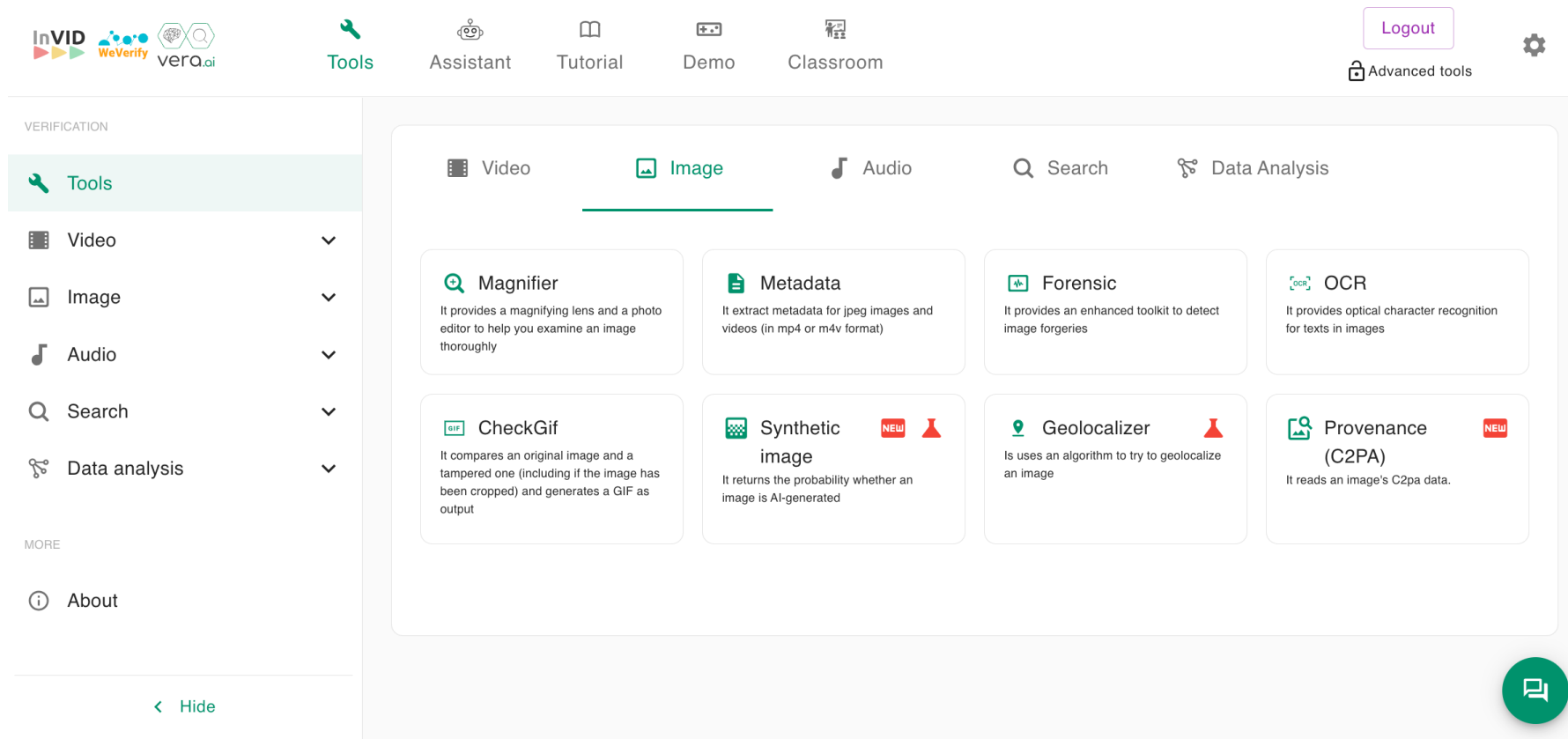
Development, provision and integration of selected outcomes / components



Selection of
vera.ai tools integrated



Next: focus on one platform, the verification / plug-in



- Coordinated by AFP
- 170,000 active weekly users
- Available in 10 languages in September 2025: English, French, Spanish, Greek, Italian, Arabic, German, Japanese, Hungarian and Portuguese

Getting started – getting the verification / plug-in



chrome web store

Search extensions and themes



Discover Extensions Themes

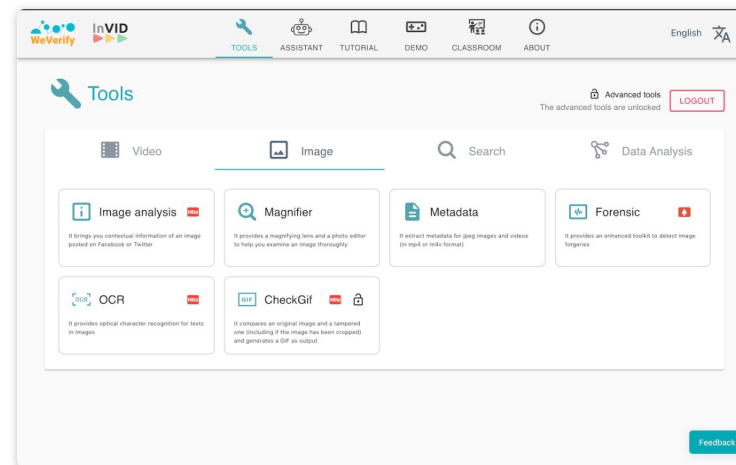
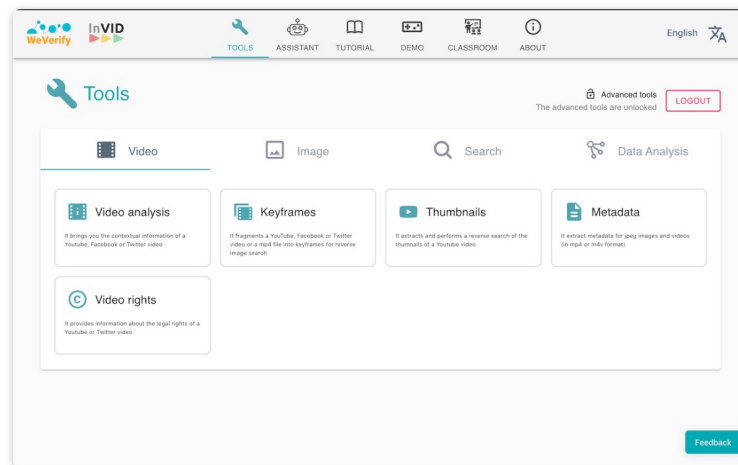


Fake news debunker by InVID & WeVerify

Remove from Chrome

Featured 4.0 ★ (43 ratings) Share

Extension News & Weather 100,000 users



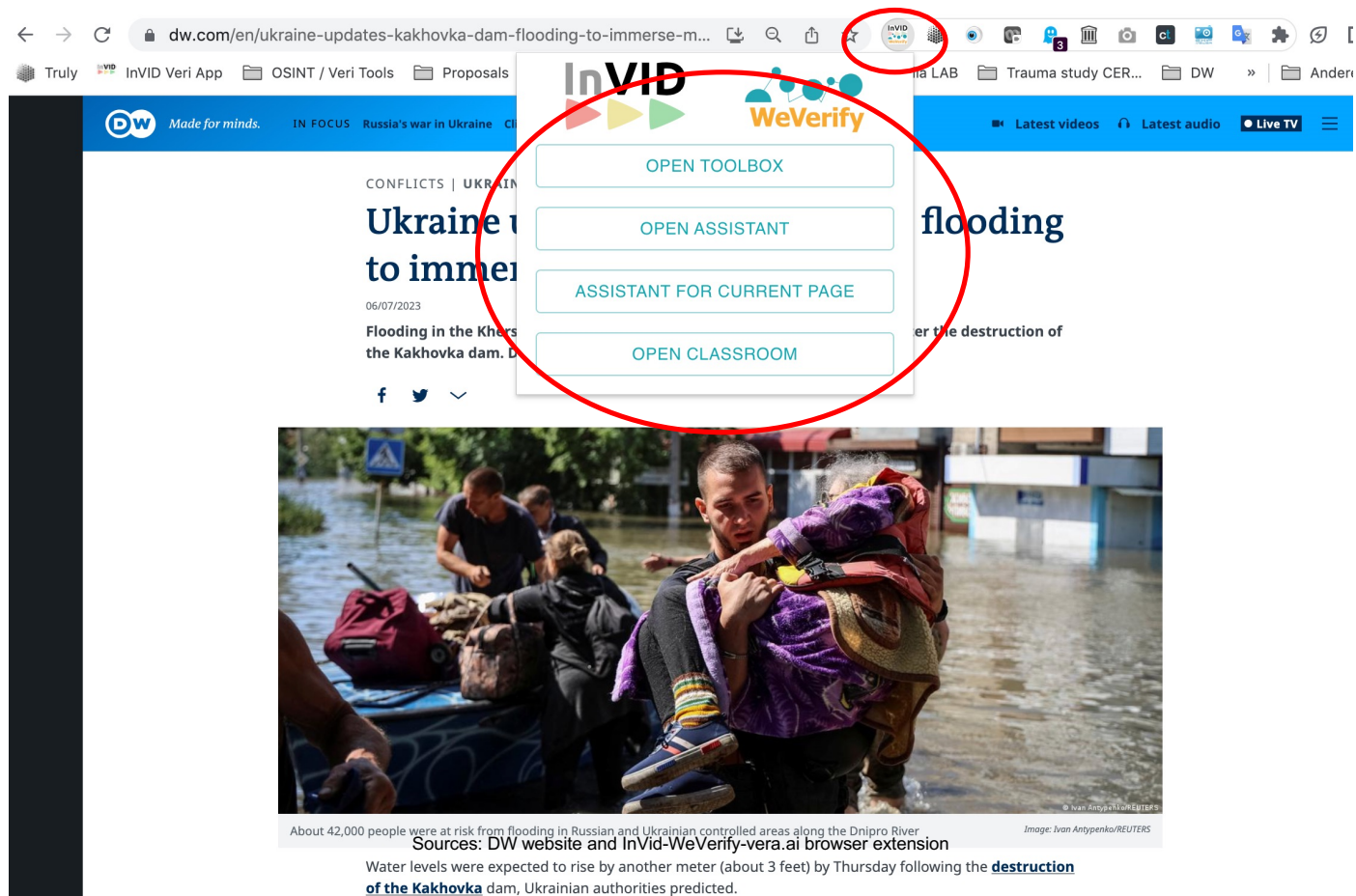
Source: [Chrome store](#)

Getting started – having the verification / plug-in



Sources: screenshot Chrome browser bar

Getting started – one way



Sources: screenshot Chrome browser bar

Getting started – another way



A screenshot of a Twitter interface. The left sidebar shows navigation options: Home, Explore, Notifications, Messages, Lists, Bookmarks, Verified, Profile, and More. The main content area shows a tweet by Olga Stefanishyna about the Kakhovka Dam. A context menu is open over the tweet's image, listing various actions like 'Link in neuem Tab öffnen', 'QR-Code für dieses Bild erstellen', and 'Bild in neuem Tab öffnen'. A red circle highlights the 'Fake news debunker by InVID WeVerify' option, which is highlighted in blue. To the right of this option is a list of search engines for reverse image search: Open with assistant, Open with OCR, Video Reverse Search - DBKF (beta), Video contextual Analysis, Image Magnifier, Image Forensic, Image Reverse Search - ALL, Image Reverse Search - DBKF (beta), Image Reverse Search - Google, Image Reverse Search - Google Lens, Image Reverse Search - Yandex, Image Reverse Search - Bing, Image Reverse Search - TinEye, Image Reverse Search - Baidu, and Image Reverse Search - Reddit. The bottom of the image shows the source: 'Sources: Twitter and InVid-WeVerify-vera.ai browser extension'.

Sources: Twitter and InVid-WeVerify-vera.ai browser extension

Very quick walk-through



InVID

WeVerify

vera.ai

Tools

Assistant

Tutorial

Demo

Classroom

Logout

Advanced tools

VERIFICATION

Tools

Video

Image

Audio

Search

Data analysis

MORE

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Video

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Audio

Search

Data Analysis

Video analysis

It brings you the contextual information of a Youtube video. Twitter and Facebook do not work anymore due to changes of API policy.

Keyframes

It fragments a YouTube or a Facebook public video into keyframes for reverse image search. Warning: platforms are making it more difficult to process videos. In case of an error message, please consider downloading the video and use the file mode.

Thumbnails

It extracts and performs a reverse search of the thumbnails of a Youtube video

Metadata

It extract metadata for jpeg images and videos (in mp4 or m4v format)

Deepfake

It uses a machine learning classifier which returns the probability that a video contains AI manipulated faces (face swapping and face reenactment).

Very quick walk-through



InVID

WeVerify

vera.ai

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Image

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Search

Data Analysis

Magnifier
It provides a magnifying lens and a photo editor to help you examine an image thoroughly

Metadata
It extract metadata for jpeg images and videos (in mp4 or m4v format)

Forensic
It provides an enhanced toolkit to detect image forgeries

OCR
It provides optical character recognition for texts in images

CheckGif
It compares an original image and a tampered one (including if the image has been cropped) and generates a GIF as output

Synthetic image
It returns the probability whether an image is AI-generated

Geolocalizer
Is uses an algorithm to try to geolocalize an image

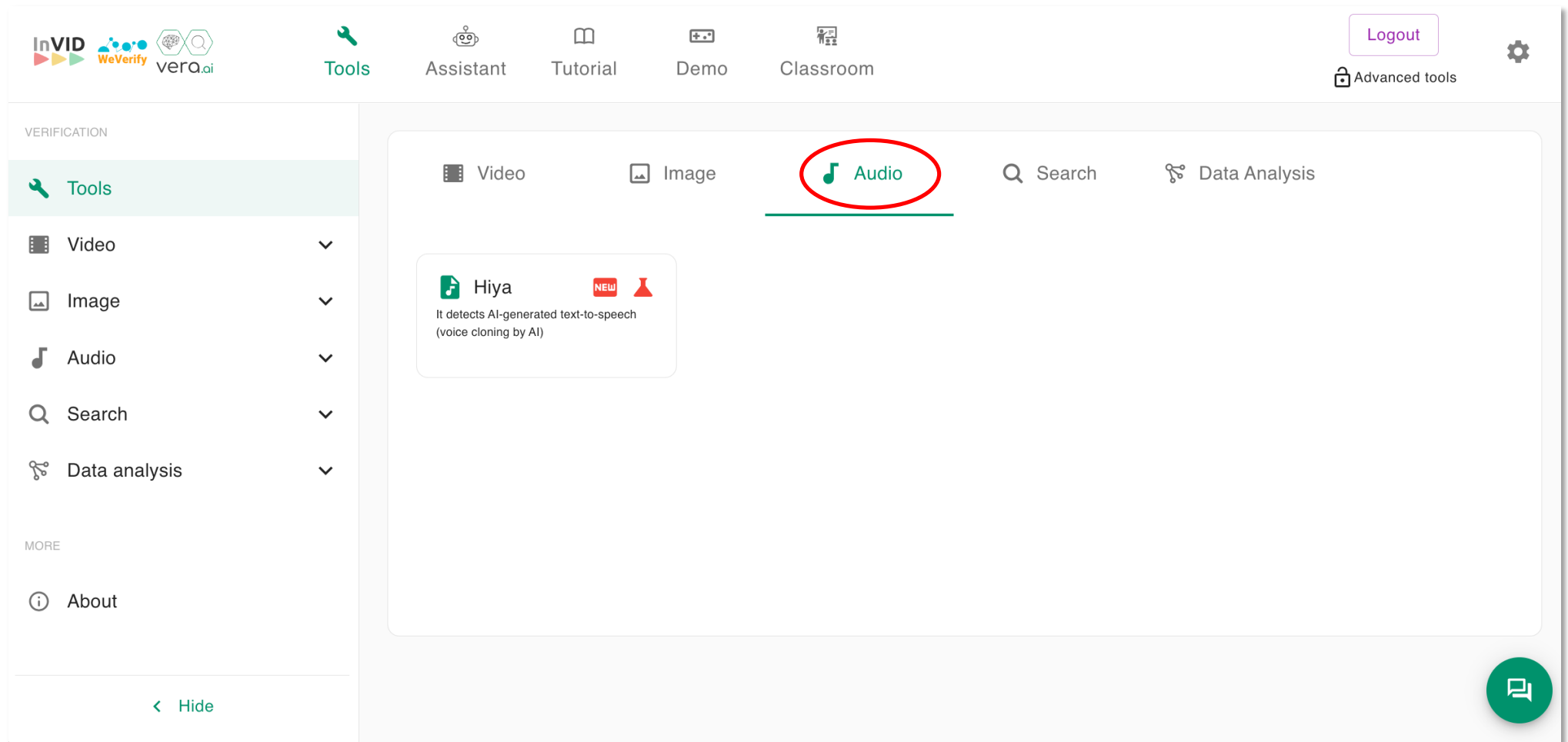
Provenance (C2PA)
It reads an image's C2pa data.

MORE

About

< Hide

Very quick walk-through



Very quick walk-through



The screenshot shows the vera.ai web application interface. At the top, there is a navigation bar with logos for InVID, WeVerify, and vera.ai on the left, and links for Tools, Assistant, Tutorial, Demo, and Classroom in the center. On the right of the navigation bar are a 'Logout' button and an 'Advanced tools' link with a lock icon. A left sidebar menu is titled 'VERIFICATION' and includes a 'Tools' section (highlighted in light green) with sub-items: Video, Image, Audio, Search, and Data analysis. Below this is a 'MORE' section with an 'About' link. A 'Hide' button is at the bottom of the sidebar. The main content area has a horizontal menu with 'Video', 'Image', 'Audio', 'Search' (circled in red), and 'Data Analysis'. Below this menu are four tool cards: 'X search' (described as performing advanced search queries on X), 'Fact Check semantic search' (described as a semantic search engine for fact checks), 'Factchecks' (described as a customised search engine of Factchecks), and 'XNetwork' (described as a customised search engine for cross-network queries). A green circular button with a speech bubble icon is located in the bottom right corner of the main content area.

Very quick walk-through



InVID

WeVerify

vera.ai

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VERIFICATION

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Image

Audio

Search

Data analysis

Video

Image

Audio

Search

Data Analysis

Twitter SNA.

It performs social network analysis on Twitter (on registration; deprecated since July 1st 2023 due to X/Twitter code changes)

CSV Analysis

It performs social network analysis from a CrowdTangle export

Disinformation Monitoring Dashboard

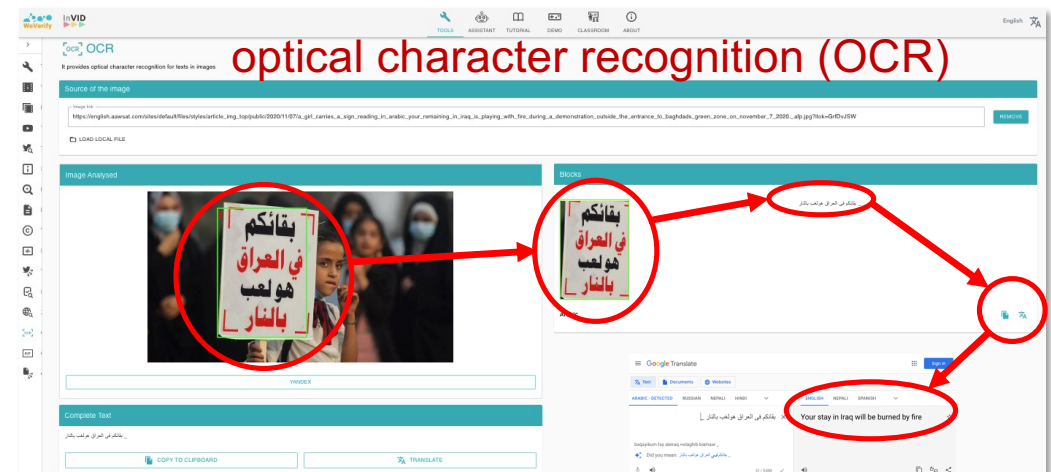
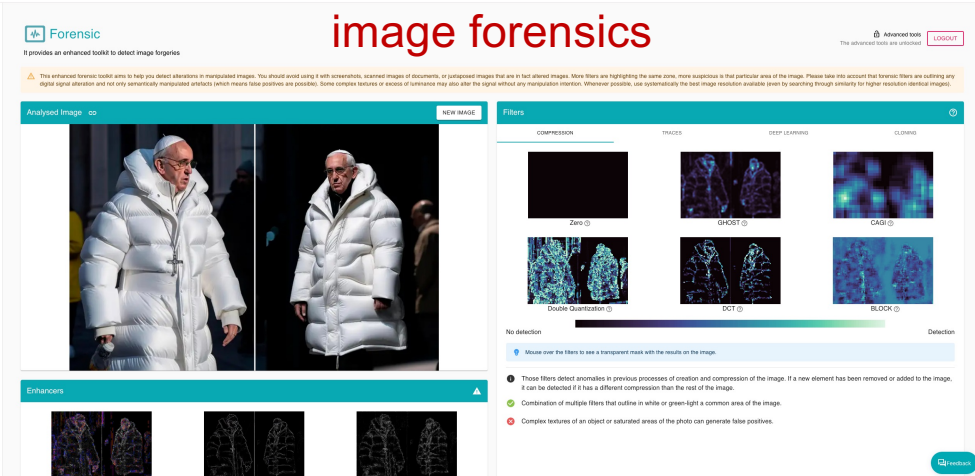
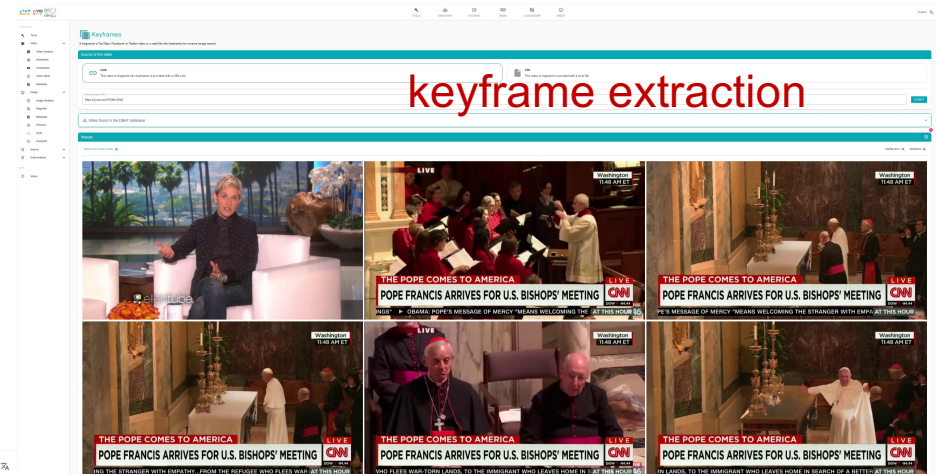
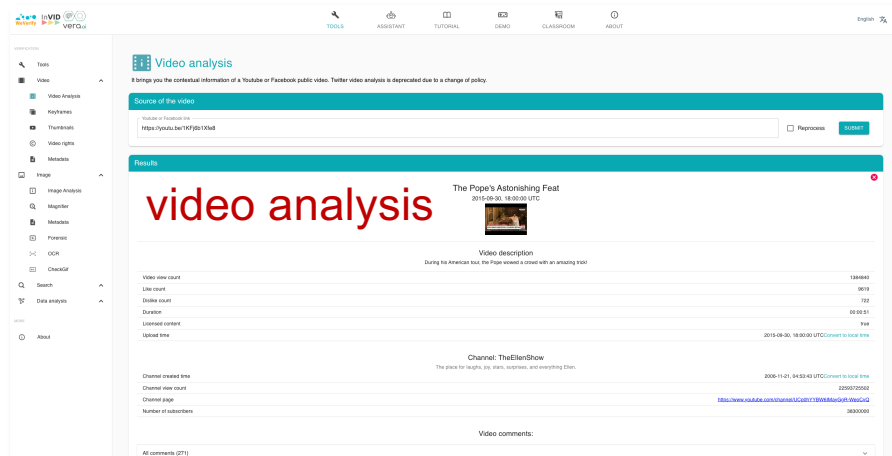
Set up disinformation RSS feeds and search for existing fact checks

MORE

About

< Hide

There's A LOT in it (here: 4 out of 24)



Advanced tools for journalists



You need to **register for the advanced tools** (if you do not have them yet). If you're a new registrant, please indicate "**betatester**" as a Role.

A screenshot of the InVID web application's 'Advanced tools' registration page. The page has a dark grey header with navigation links: TOOLS, ASSISTANT, TUTORIAL, DEMO, CLASSROOM, and ABOUT. The main content area is titled 'Advanced tools' and contains a message: 'Access to advanced tools is reserved for journalists, fact-checkers and researchers. You need to apply and register to use them.' Below this message are two sections. The first section, 'Already registered? Get an access code:', includes an 'Email' input field (circled in red with a red '3'), a 'GET AN ACCESS CODE' button, and a link 'Click here'. The second section, 'Not already registered? Register for an access to the service:', includes a 'REGISTER' button (circled in red with a red '2'). A red arrow points from the 'REGISTER' button to a 'LOGIN' button in the 'Advanced tools' section, which is also circled in red with a red '1'. A red box with a red '3' and text is overlaid on the left side of the page.

3

Once you get the notification approval, ask for an access code with the same email address you used to register

A screenshot of the vera.ai registration form. The form is titled 'Registration' and includes a paragraph explaining why registration is required. Below the paragraph are several input fields: 'Email *' (with a red box around it and the text 'professional email address'), 'First name *' (with the text 'Enter your first name'), 'Last name *', 'Organization *', 'Role *' (with a dropdown arrow), and 'Role (Other)' (with a red box around it and the text 'betatester'). A 'REGISTER' button is at the bottom right.

Registration

Why register ? Due to the high computer load, the use of this feature is restricted to journalists, fact-checkers and researchers. You need to register first and once your registration has been approved, you will be able to request the access code to use the advanced tools. We DO NOT store personal data and will NOT use your email for any other purpose. In case of problem, use the feedback button.

Email *
professional email address

A valid fact-checking, media or research organization email address is required

First name *
Enter your first name

Last name *

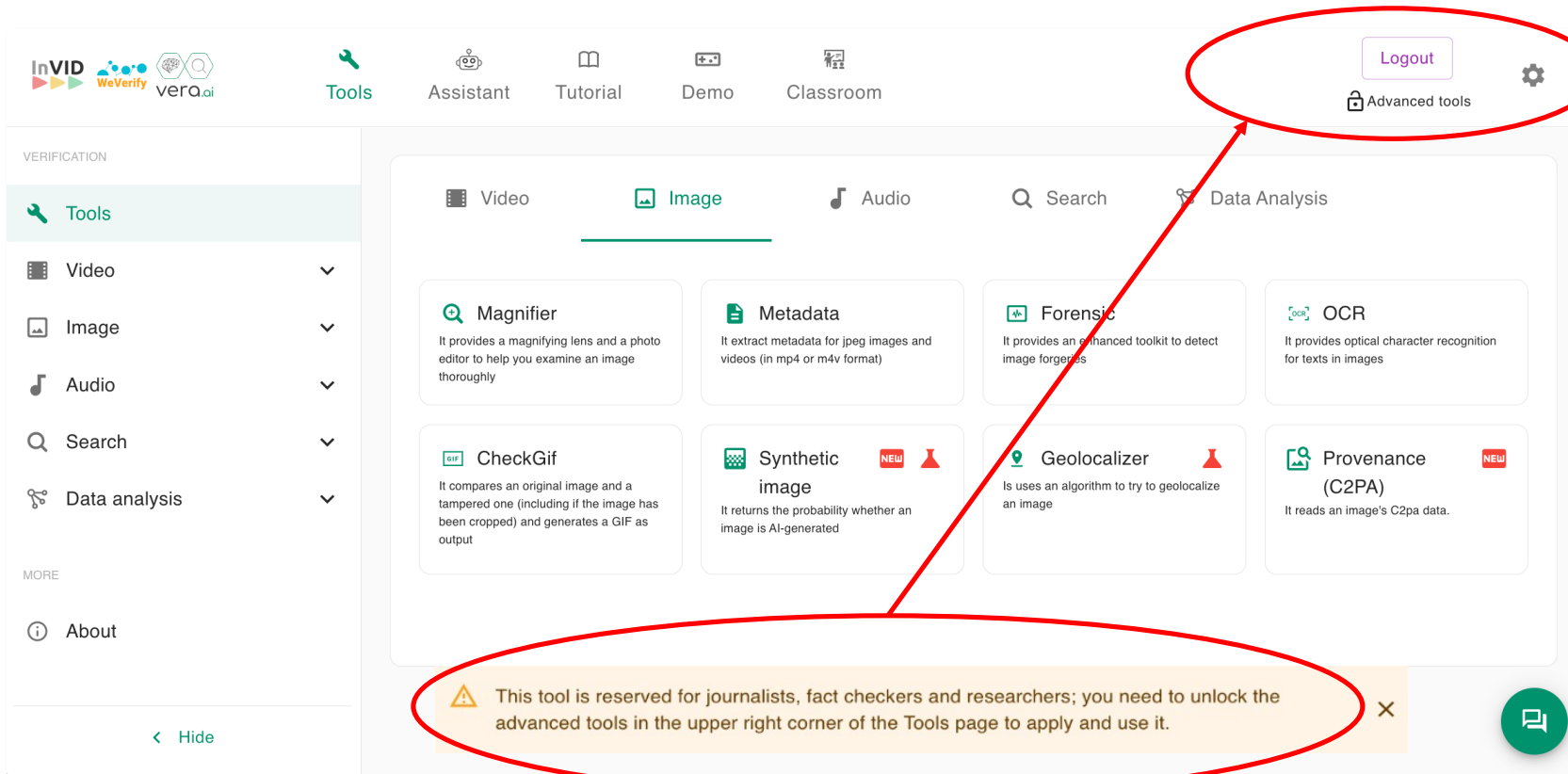
Organization *

Role *
Role within organization is required

Role (Other)
betatester

REGISTER

Advanced tools for journalists



Advanced tools
are reserved for
factcheckers,
journalists and
researchers

If you use it: feedback please! 😊



inVID

WeVerify

vera.ai

TOOLS

ASSISTANT

TUTORIAL

DEMO

CLASSROOM

ABOUT

LOGOUT

Advanced tools

English

VERIFICATION

Tools

Video

Video Analysis

Keyframes

Thumbnails

Video rights

Metadata

Deepfake

Image

Image Analysis

Magnifier

Metadata

Forensic

OCR

CheckGif

Synthetic image

HIDE

OCR

It provides optical character recognition for texts in images

Source of the image

Image link

sign_tahrir_protests_egypt5_976x549_bbc.jpg

SUBMIT

Image Analysed

YANDEX

GOOGLE LENS

Blocks

Japanese

Send Feedback

Feedback type

BUG

IMPROVEMENT

FEATURE

Email

john.doe@example.com

Message

Your message... Add your email if you want us to contact you

SEND FEEDBACK

Getting to know features & functionalities (1)



The screenshot shows the vera.ai web application interface. At the top, there is a navigation bar with logos for InVID, WeVerify, and vera.ai on the left. In the center, there are icons and labels for 'Tools', 'Assistant' (which is circled in red), 'Tutorial', 'Demo', and 'Classroom'. On the right, there is a 'Logout' button and a gear icon for 'Advanced tools'. Below the navigation bar is a left sidebar with a search bar and several menu items: 'X. search', 'Fact Check Semantic Search', 'Factcheck search', 'Xnetwork', 'Data analysis' (with a sub-menu arrow), 'Twitter SNA.', 'CSV Analysis', and 'Disinformation Monitoring Dashboard'. The main content area is titled 'Assistant' with a robot icon. It contains a description: 'The assistant will help you to analyse a webpage, an image or a video file and suggest which WeVerify tools are useful for each case'. Below this is a section 'Choose what you want to analyse' with two options: 'Webpage link' (with a link icon) and 'Local file' (with a file icon). The 'Webpage link' option says 'Insert the link of a webpage, and the assistant will suggest the most useful tools for the contents of the given page.' The 'Local file' option says 'The assistant will suggest the most useful tools depending on if the file is a video or image'. At the bottom right, there is a green circular chat button with a speech bubble icon. The footer includes the text 'Provided by USFD'.

Getting to know features & functionalities (2)



HOME AFP NEWS AGENCY FAQ CONTACT SIGN UP  EN SIGN IN

Digital Investigation Techniques

Multilingual open courses for journalists and journalism students from leading global news agency AFP, supported by the Google News Initiative

[View all courses](#)



Cours en français

Commencer

Curso en español

Comenzar

Curso em português

Começar

Source: AFP (<https://digitalcourses.afp.com/>)

Supported by **Google News Initiative**

Getting to know features & functionalities (3)



A screenshot of the AFP Digital Investigation Techniques website. The main header is blue with the title "Digital Investigation Techniques" in white. Below it, a subtitle reads: "Multilingual open courses for journalists and journalism students from the leading global news agency AFP, supported by the Google News Initiative". A button labeled "View all courses" is present. The navigation bar includes links for HOME, AFP NEWS AGENCY, FAQ, CONTACT, SIGN UP, and a language selector (EN). The "Courses" section lists three levels: "1. Basics", "2. Intermediate" (circled in red), and "3. Advanced". Below this, three course cards are shown. The first card, "Discover the Verification Plugin", is circled in red and features a video thumbnail of a woman. The second card, "Take your searches on social networks to a higher level", features a video thumbnail of a man. The third card, "Learn methods for dealing with online harassment and for staying safe online", features a video thumbnail of a woman. A sidebar on the left offers "Cours en français" with a "Commencer" button. The footer includes the source URL and a Google News Initiative logo.

Source: AFP (<https://digitalcourses.afp.com/>)

Supported by Google News Initiative

Getting to know features & functionalities (4)



InVID

WeVerify

vera.ai

Tools

Assistant

Tutorial

Demo

Classroom

Logout

Advanced tools

VERIFICATION

Tools

Video

Image

Audio

Search

Data analysis

Video

Image

Audio

Search

Data Analysis

Magnifier
It provides a magnifying lens and a photo editor to help you examine an image thoroughly

Metadata
It extract metadata for jpeg images and videos (in mp4 or m4v format)

Forensic
It provides an enhanced toolkit to detect image forgeries

OCR
It provides optical character recognition for texts in images

CheckGif
It compares an original image and a tampered one (including if the image has been cropped) and generates a GIF as output

Synthetic image NEW 🔥
It returns the probability whether an image is AI-generated

Geolocalizer 🔥
Is uses an algorithm to try to geolocalize an image

Provenance (C2PA) NEW
It reads an image's C2pa data.

MORE

About

< Hide

For more:

Website: <https://www.veraai.eu/>

BlueSky: @vera-ai.bsky.social

X: @veraai_eu

YouTube: https://www.youtube.com/@veraai_eu



CERTH
CENTRE FOR
RESEARCH & TECHNOLOGY
HELLAS



ATHENS TECHNOLOGY CENTER



**Deutsche
Welle**



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DI NAPOLI FEDERICO II



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université
PARIS-SACLAY

EBU

OPERATING EUROVISION AND EURORADIO



 **Fraunhofer**
IDMT

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under contract No 22.00245



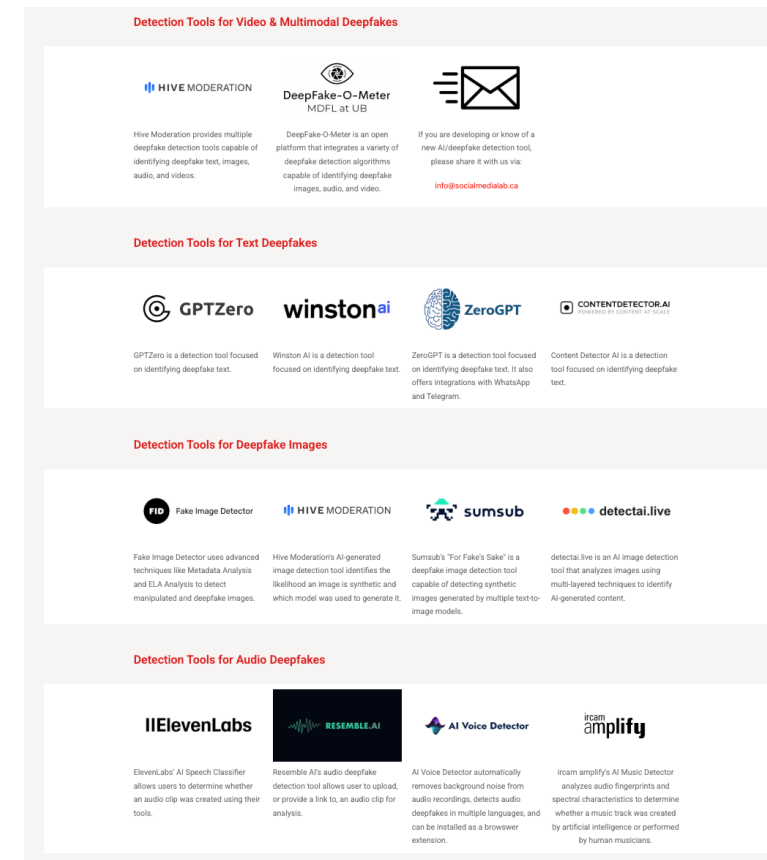
A large, round hay bale is the central focus of the image, positioned in a field of harvested grain. The hay is a golden-brown color, and the bale is tightly packed. In the background, there are several other smaller round hay bales scattered across the field. The sky is a vibrant blue with scattered white clouds. The overall scene is a peaceful rural landscape.

Rounding up: summary & outlook

Source: Pixabay

Limitations, or challenges, of (part)automated / AI-supported factchecking and verification

- Accuracy (of tools)
- Transparency (of tools, models, training data, ...)
- Access (to tools)
- “Lagging behind” (developments)
- Awareness of opportunities and shortcomings
- Rules / regulations
- Corporate matters
- ...



Source: [Deepfaketracker](https://deepfaketracker.com)

Outlook

- Focus on journalism:
 - Don't throw overboard established – and useful – principles
 - Try and keep up with technological developments
- Focus on media organisations:
 - Be a facilitator
 - Have a clear strategy
 - Adapt accordingly, if / when necessary
- Focus on democracy
 - Regulation? (enforcement)
 - Role of platforms and providers
- Focus on research:
 - Resources
 - Coordination of related efforts
 - Data access
- Focus on factchecking
 - Keeping up and get every support possible (from data access to tool usage)
 - Not always a pleasant task

The business of fact-checking in general
(with or without AI)...

Source: Giphy. [CC BY-SA](#)



Do not underestimate the mental toll this can take!

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The Guardian

News Opinion Sport Culture Lifestyle More

Fashion Food Recipes Love & sex Health & fitness Home & garden Women Men Family Travel Money

Psychology

What's it like when your job involves wading through others' suffering? I was left weeping and hopeless

Dhruiti Shah
Thu 16 Feb 2023 14:50 GMT



Psychologists call it 'vicarious trauma' - the result of witnessing too much misery, even if you're not experiencing it first hand. And it can affect anyone, from war correspondents to legal professionals and interpreters

If I had been told that my dream career could end up affecting my mental health, I might have thought twice about pursuing it. Or perhaps I wouldn't have. After all, trauma is not new in journalism - "if it bleeds, it leads" is the adage.


Source: [Dhruiti Shah in The Guardian](#), 16 Feb 2023

Menu Search Login JACOBIN

06.28.2025 Science and Technology / Work

The Hidden Human Cost of AI Moderation

BY SHIKHA SILLIMAN BHATTACHARJEE / NANDITA SHIVAKUMAR



Training AI often means staring at humanity's worst atrocities for hours at a time. Workers tasked with this labor endure psychological injury without support — and face legal threats if they speak about it.

Customer agents sit behind computers on the AI training floor at the [24]7.ai, Inc., in Taguig City, Metro Manila, Philippines, on Wednesday, April 24, 2024. (Lisa Marie David / Bloomberg via Getty Images)

Source: [Jacobin](#), 28 June 2025

Despite the challenges, is there a choice?



Source: [VOX.com](https://www.vox.com)



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Deutsche Welle

LinkedIn: <https://www.linkedin.com/in/jospa/>

BlueSky: [@jospang.bsky.social](https://bsky.app/profile/jospang.bsky.social)

X: <https://x.com/jospang>

Mastodon: <https://mas.to/@jospang>



Source: Pixabay, CC0