



Maximalist





Maximalist Journalism

By Midjourney





Social Media and Algorithms

Dominic Ligot

26 September 2023

Who Am I

[illegible]

Social media and Algorithms

- *2008: when did it all go wrong*
- *State of play in social media*
- *The Algorithm*
- *Search for Accountability*
- *Infodemics and Ethics*
- *Looking Forward*



Which would you consider disinformation?



Biden in Divisoria



Riots in France



Pope Francis in Fashion Week

2008

Facebook Unveils Facebook Ads

November 6, 2007

NEW YORK — Facebook Social Advertising Event, Nov. 6, 2007 — Facebook founder and CEO Mark Zuckerberg today introduced Facebook Ads, an ad system for businesses to connect with users and target advertising to the exact audiences they want. Through Facebook Ads, these users can now learn about new businesses, brands and products through the trusted referrals of their friends.

“Facebook Ads represent a completely new way of advertising online,” Zuckerberg told an audience of more than 250 marketing and advertising executives in New York. “For the last hundred years media has been pushed out to people, but now marketers are going to be a part of the conversation. And they’re going to do this by using the social graph in the same way our users do.”

Select Permissions

v3.1

User Data Permissions

☒ email x

☒ user_age_range x

☒ user_birthday x

☒ user_friends x

☒ user_gender x

☒ user_hometown x

☒ user_likes x

☒ user_link x

☒ user_location x

☒ user_photos x

☒ user_posts x

☒ user_status x

☒ user_tagged_places x

☒ user_videos x

Events, Groups & Pages

☒ ads_management x

☒ ads_read x

☒ business_management x

☒ groups_access_member_info x

☒ manage_pages x

☒ pages_manage_cta x

☒ pages_manage_instant_articles x

☒ pages_messaging x

☒ pages_messaging_phone_number x

☒ pages_messaging_subscriptions x

☒ pages_show_list x

☒ publish_pages x

☒ publish_to_groups x

☒ read_page_mailboxes x

☒ user_events x

Other

☒ instagram_basic x

☒ instagram_manage_comments x

☒ read_audience_network_insights x

☒ leads_retrieval x

☒ publish_video x

☒ read_insights x

☒ instagram_manage_insights x

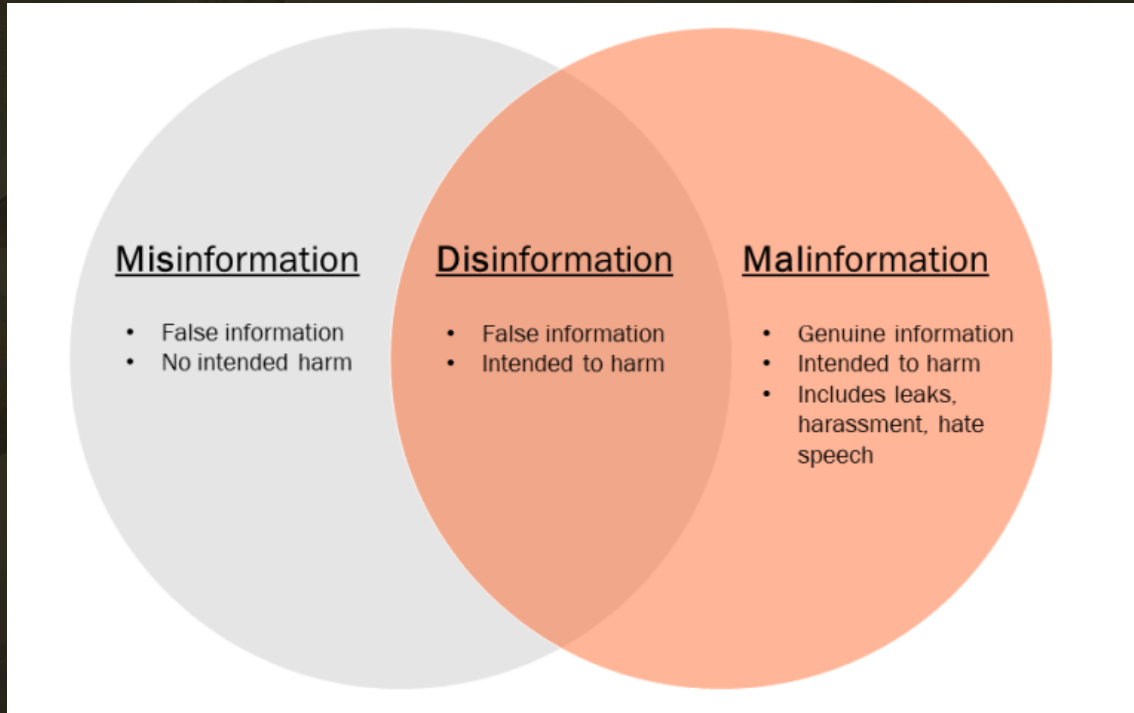
Public profile included by default

Get Access Token

Clear

Cancel

Definition of Terms



Rohingya Genocide and WhatsApp Lynch Mobs

The New York Times

A Genocide Incited on Facebook, With Posts From Myanmar's Military



A border police officer at a repatriation center for Rohingya returning to Myanmar. Human rights groups blame anti-Rohingya propaganda online for fueling violence and displacement. Adam Dean for The New York Times

BBC Sign in News Sport Reel Worklife Travel Future Mo

NEWS

Home Video World Asia UK Business Tech Science Stories Entertainment &

Asia China India

How WhatsApp helped turn an Indian village into a lynch mob

© 19 July 2018 f b t e Share



Mohammad Salman was beaten on false rumours he was a child kidnapper

8chan and Rabbit Holes

What You Need to Know about 8chan and How It Became a Breeding Ground for Violence

JESSELYN COOK / 12 AUGUST 2019



10-15-19

Read real stories of how YouTube pushed people down shocking rabbit holes

Mozilla published 28 stories to pressure YouTube into allowing outside experts to help fix a recommendation engine that sometimes leads people toward disturbing videos.



Troll Farms

Infamous Russian Troll Farm Appears to Be Source of Anti-Ukraine Propaganda

Infamous Russian Troll Farm Appears to Be Source of Anti-Ukraine Propaganda Experts say a recent wave of pro-Putin disinformation is consistent with the work of Russia's Internet Research Agency, a network of paid trolls who attempted to influence the 2016 presidential election.



Home > News > National

Lacson: Usec behind troll farms



by **Macon Ramos-Araneta** — June 9, 2021, 12:40 am in **National**

AA

Reading Time: 2 mins read

72
SHARES



Share on Facebook



Share on Twitter



Share on Email



Senator Panfilo Lacson on Tuesday revealed that an undersecretary had allegedly started organizing at least two troll farms in every province to malign critics of the Duterte government and possible opponents in next year's elections.

Lacson refused to identify the government official.

But he said this information came from a former member of his staff, allegedly approached by the said undersecretary.

He said the person approached declined the offer and reported it to him.

"So, you can just imagine if it materializes and uses the resources of the government whether or not it is sanctioned by Malacanang, well I hope not and I don't believe so — maybe the official was just overeager," said Lacson.

According to the senator, who has been perceived to likely run for President in 2022, he said they have been receiving a lot of information on the operation.

Content Moderation

Risks and responsibilities of content moderation in online platforms

The issue of content moderation in online platforms has been missing in debates on business and human rights, but these platforms are critical in exercising our freedom of expression.

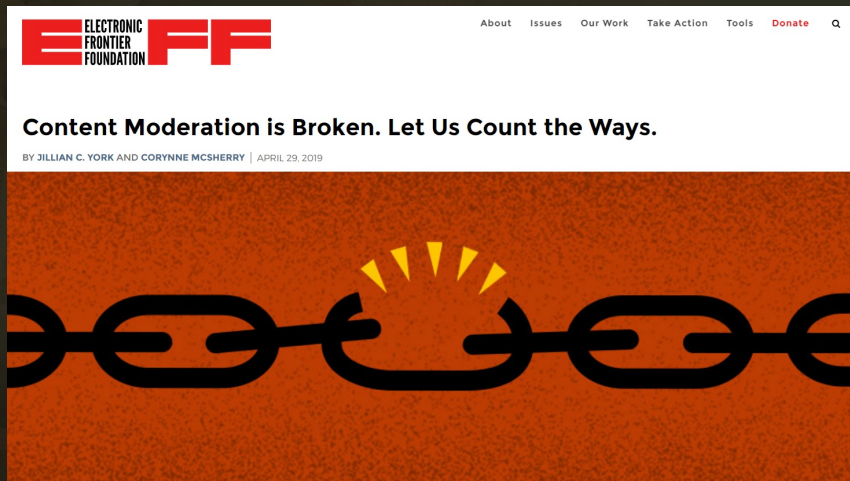
By: Richard Wingfield

Español




Source: youtube.com/watch?v=cHGbWn6iwHw

Content Moderation Risks



- *Dangerous job for moderators, hard to automate*
- *Subjective, inconsistent and confusing moderation policies*
- *Risk of marginalizing users and free speech*
- *Broken appeals process and lack of transparency*


Automated Content Moderation(?)



FEATURE

The one problem with AI content moderation? It doesn't work

The use of artificial intelligence for content moderation is likely to become more pronounced with the passage of the Online Safety Bill, but practitioners and experts question the efficacy of this approach

By  Andrew Kersley

Published: 07 Feb 2023

TECH / CREATORS / YOUTUBE

YouTube brings back more human moderators after AI systems over-censor



Illustration by Alex Castro / The Verge

/ Increased use of automated filters led to double incorrect takedowns

By **JAMES VINCENT**

Sep 21, 2020, 10:45 PM GMT+8 | [0 Comments](#) / [0 New](#)



Content Moderation Risks

More content moderation won't stop extremism or misinformation on Facebook

Regulating how social media algorithms harvest private data would put a reasonable check on how these platforms manipulate users online.

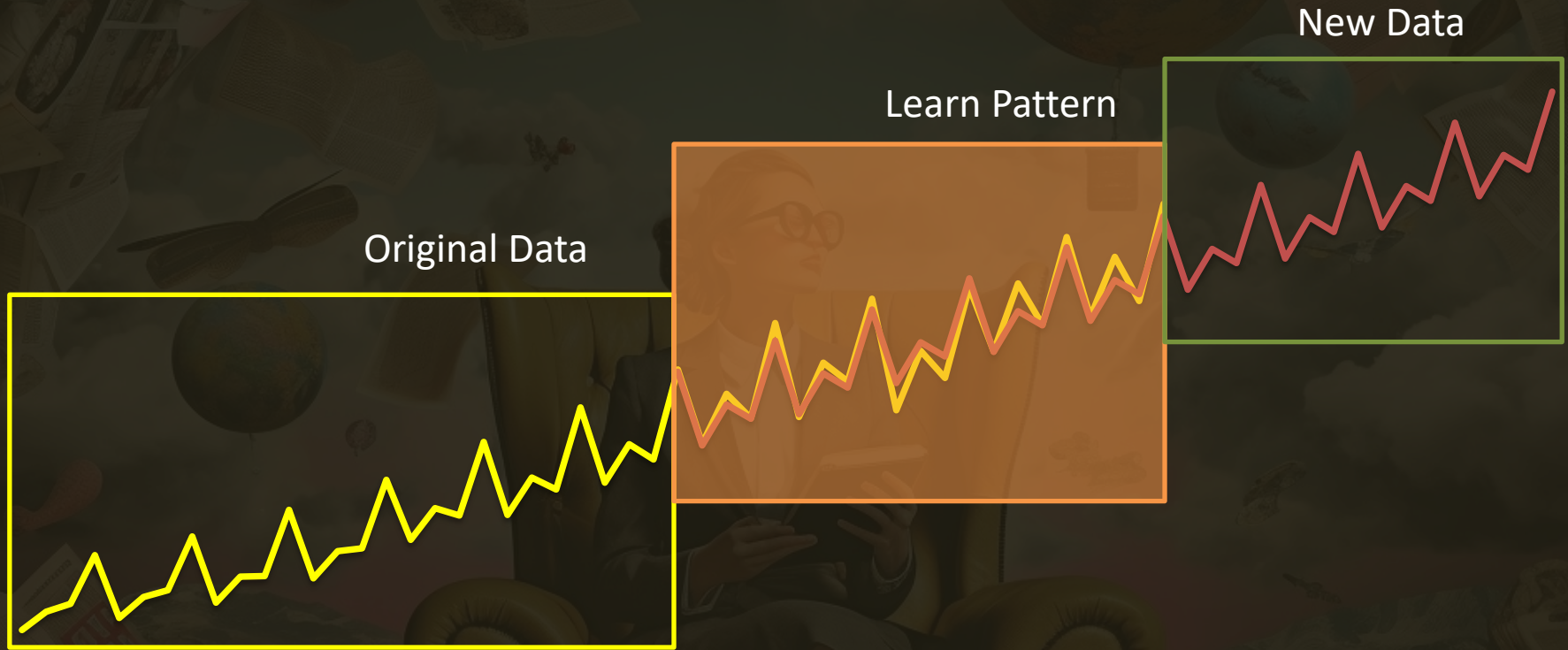
By Christopher Cocchiarella and Terry Chaney

Nov. 9, 2021



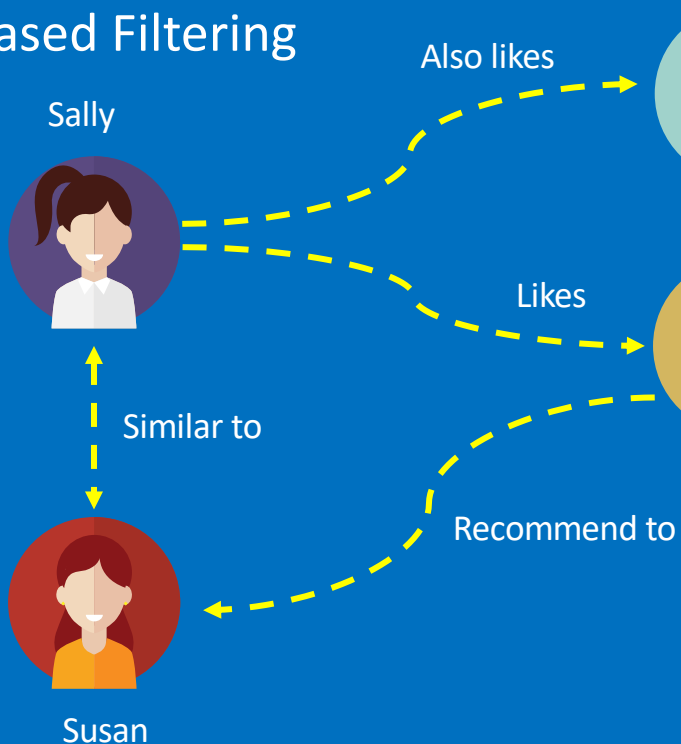
- *Problem of scale: billions of users, too much content to moderate*
- *Algorithms spread disinformation faster than human moderators can cope*

Machine Learning



How Social Media Data is Used: User vs. Items

User-based Filtering



Recommend to

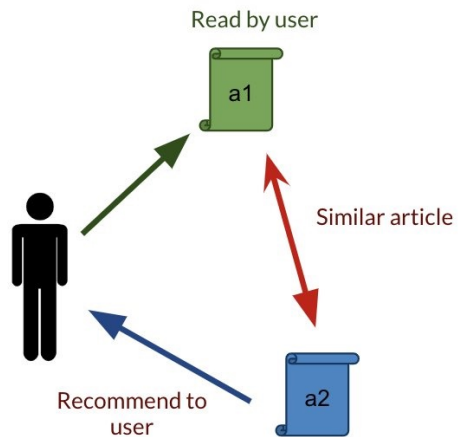
Sean

Likes

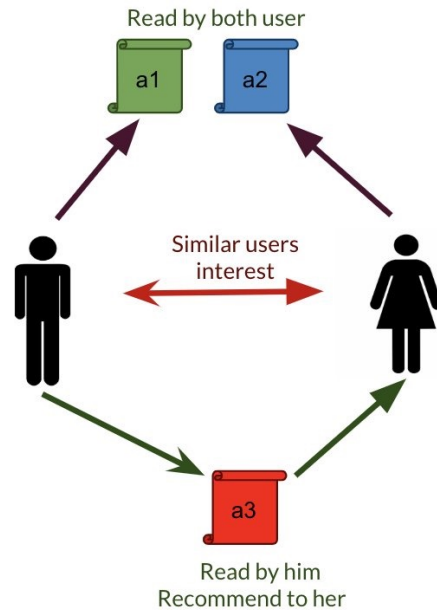
Likes

Item-based Filtering

The "Algorithm"

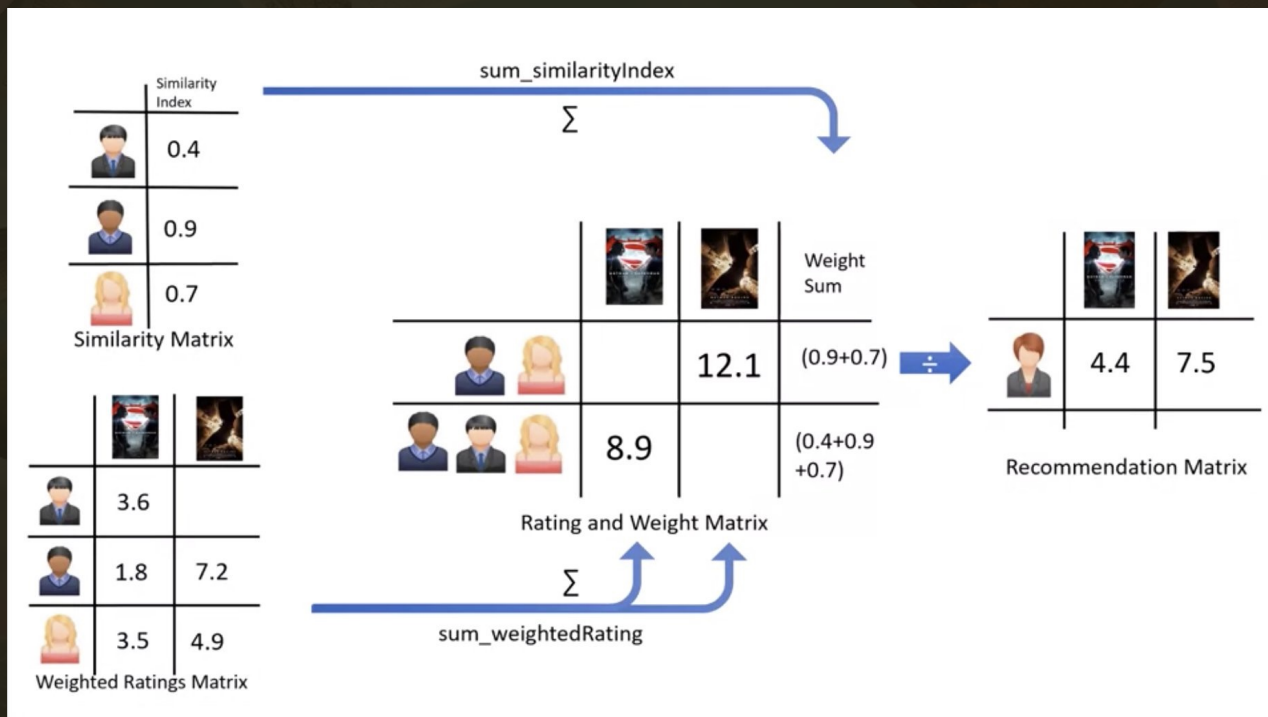


Content-based filtering

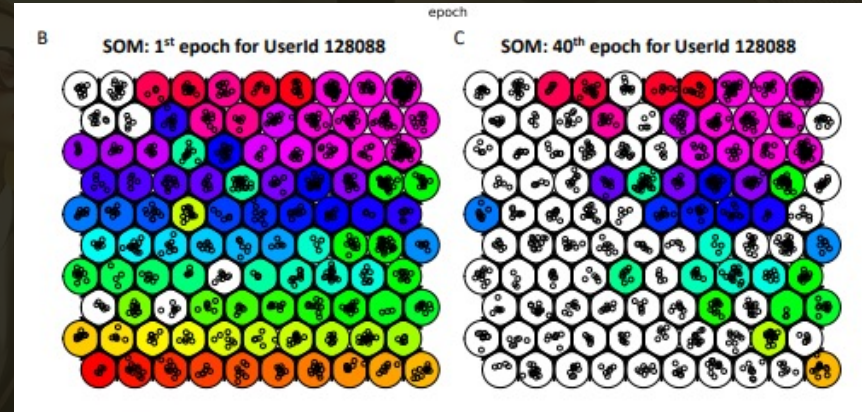
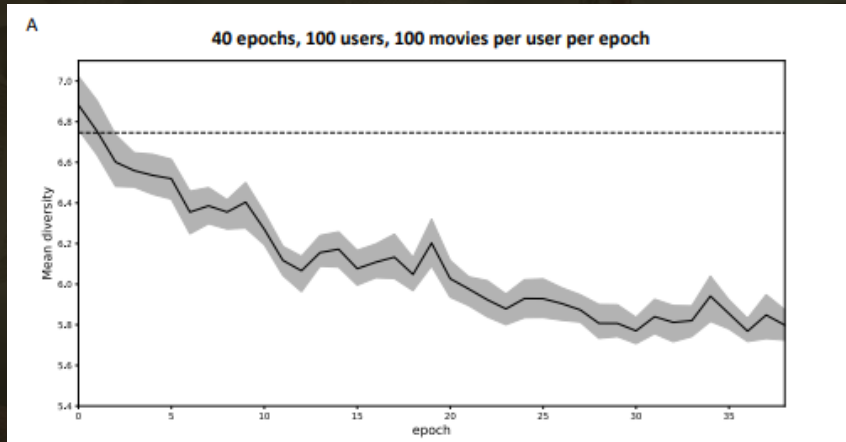


Collaborative filtering

Secret Sauce: Similarity Matrix



Given enough time, recommendations become homogenous and less diverse



Echo Chambers

Explainer: how Facebook has become the world's largest echo chamber

Published: February 5, 2018 2:21pm GMT



- *Because of algorithms, social media feeds become homogenous*
- *Users experience a curated feed to increase engagement*
- *You only see and hear what you like to see and hear*

Unintended Consequences



Fake News: Lies spread faster on social media than truth does

People are quicker to repeat something that's wrong than something that's true



Holding Platforms Accountable

METRO

New NY bill aims to hold social media companies accountable for disinformation

By Bernadette Hogan and Theo Wayt

December 26, 2021 | 6:08pm | Updated



Social Media Companies Profiting from Misinformation

A virtual forum hosted by GW's Institute for Data, Democracy and Politics explored harm caused by online disinformation related to COVID-19 and social media regulation.

June 19, 2020



Financial Accountability

BUSINESS

Facebook's parent is fined nearly \$25M for violating a campaign finance disclosure law

October 27, 2022 · 11:55 AM ET

By The Associated Press



MEDIA AND TELECOMS

DECEMBER 30, 2019 / 8:59 PM / UPDATED 3 YEARS AGO

Brazil fines Facebook \$1.6 million for improper sharing of user data

By Ricardo Brito

2 MIN READ



Internet as a Public Utility

Should the internet be treated like a public utility?

At Klinsky Lecture, John Palfrey '01 says 'absence of regulation does not make sense today, if it ever did'

Apr 20, 2021 By Brett Milano



Inoculation Theory

Inoculation Theory: Using Misinformation to Fight Misinformation

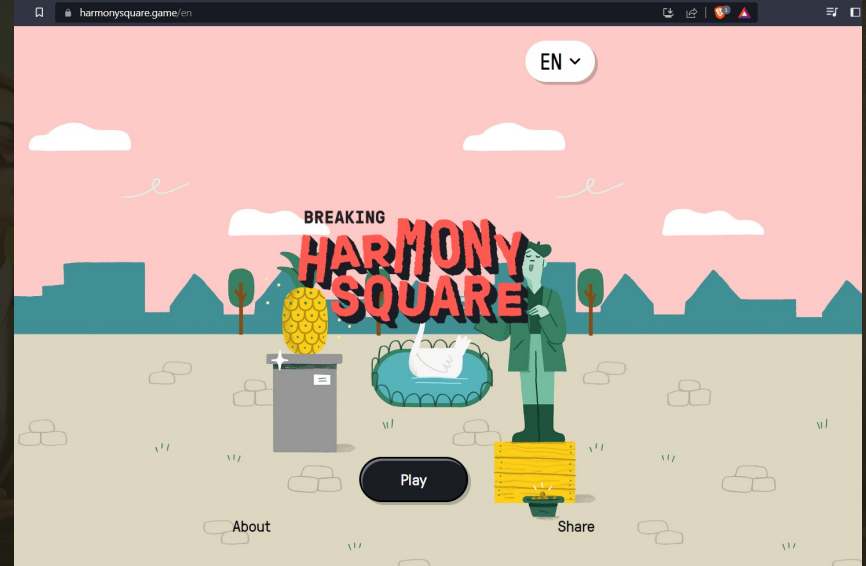
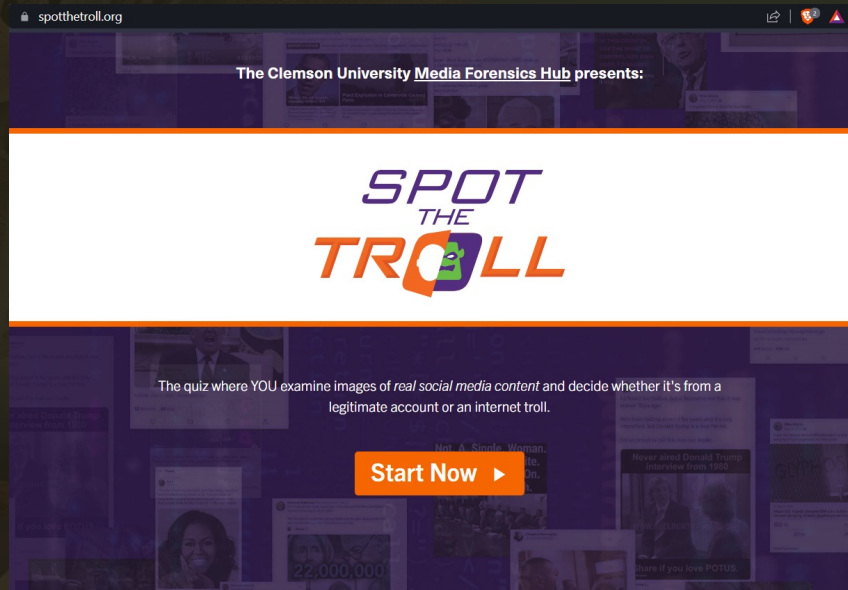
By John Cook • Saturday, July 15, 2017 - 09:58

Read time: 7 mins



- *Exposing users to examples of false information vs. truth improved their ability to detect future disinformation*
- *Showing falsehoods vs. truths worked better than just showing examples of falsehoods*

Prebunking



Infodemics Defined

- An infodemic is an overload of information, often false or unverified, about a problem, especially a major crisis. Quickly spreading in the news, online, and through social media, this information fuels fear and speculation, making the problem worse, not better.*

Conspiracy Detection Example

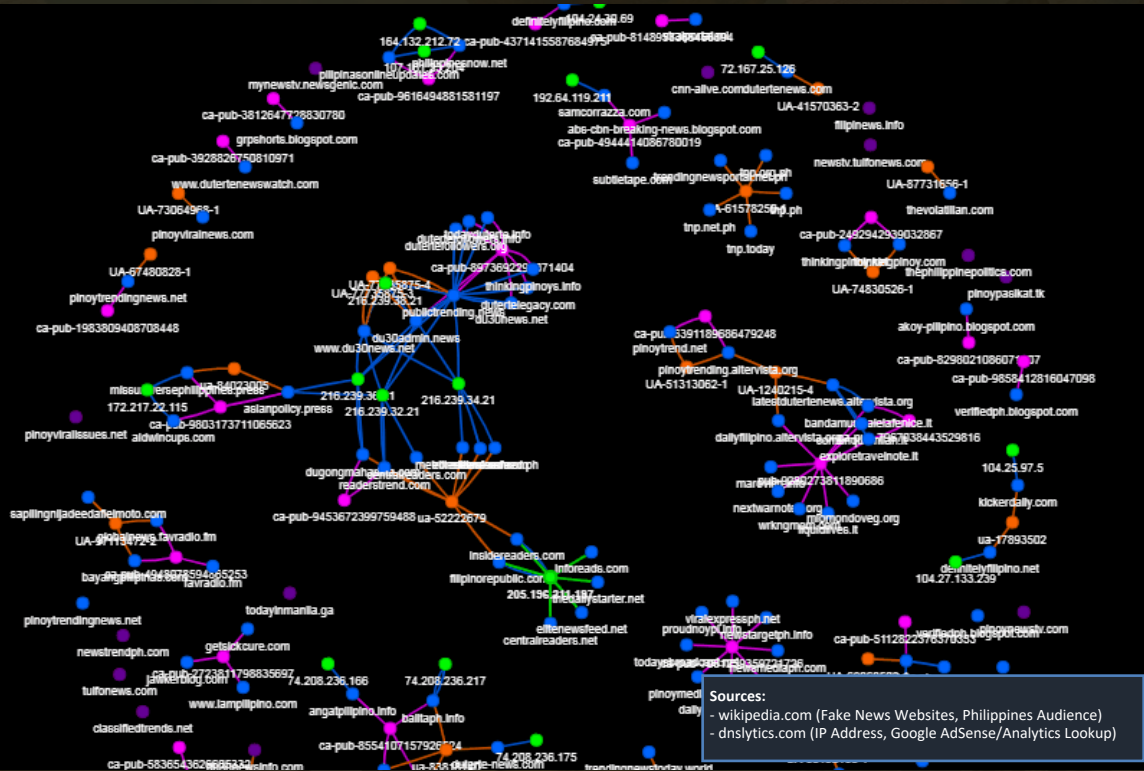
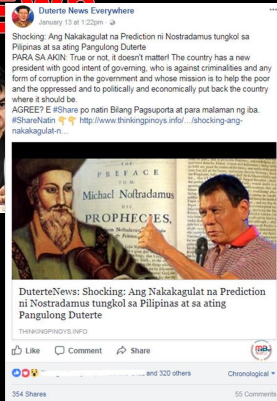
IP: 205.196.211.197

- filipinorepublic.com
- insiderreaders.com
- centralreaders.net
- elitenewsfeed.net
- inforeads.com
- thedailystarter.net

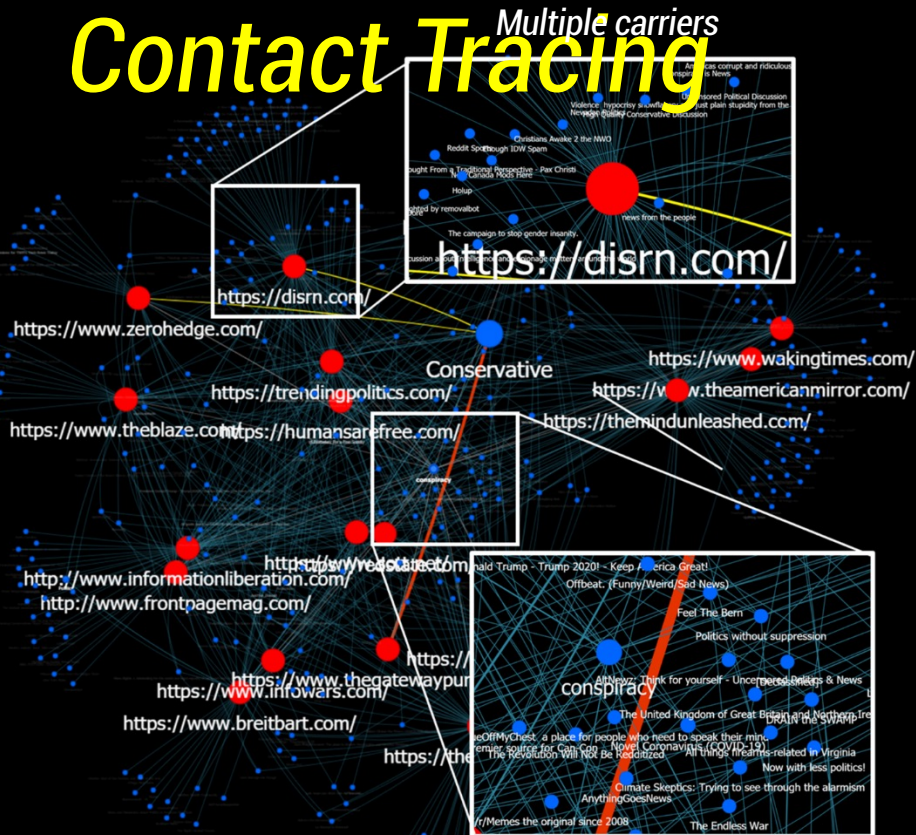
BREAKING NEWS
JUNE 01, 2019



Dugong Maharlika - Home | Facebook



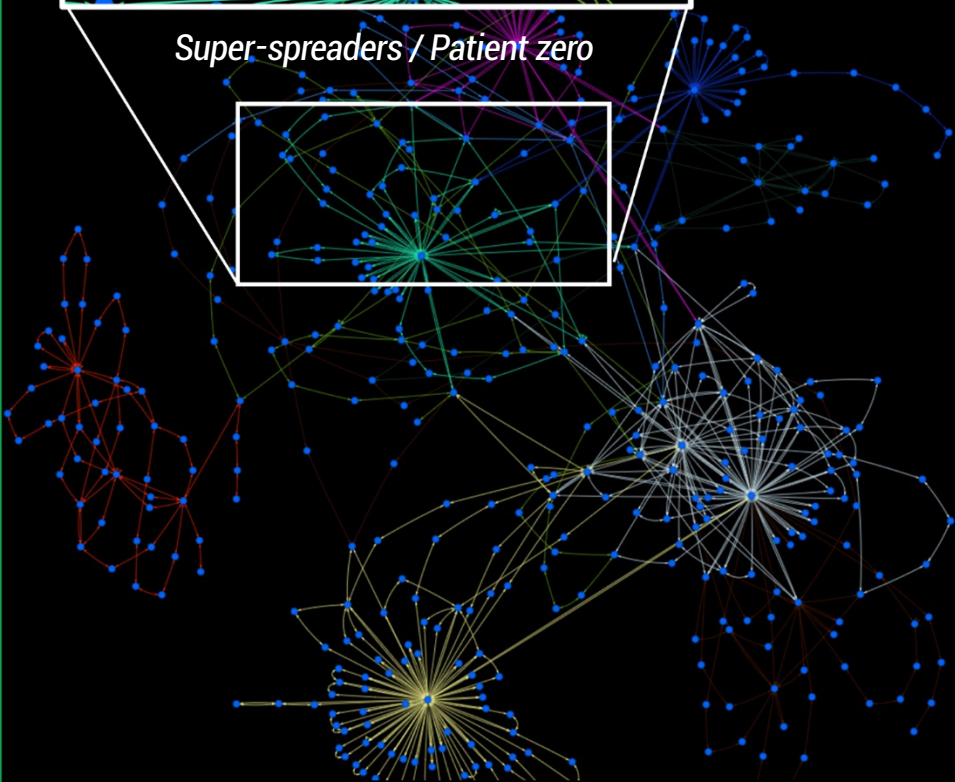
Contact Tracing



Source: CirroLytixAI

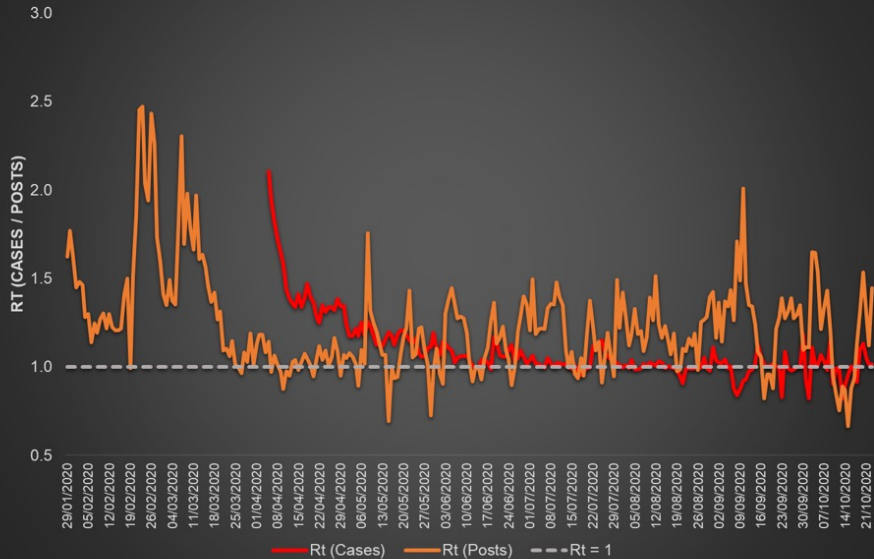


Super-spreaders / Patient zero

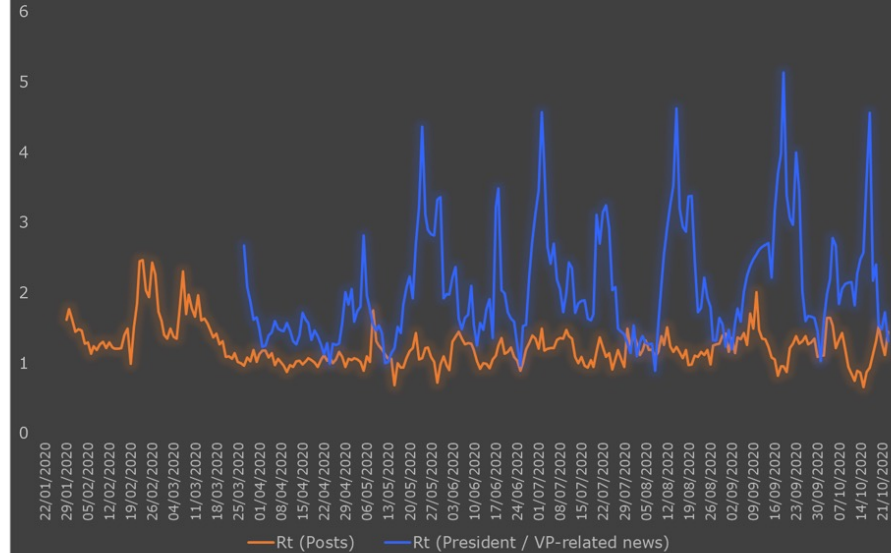


Reproductive Number for Infodemics

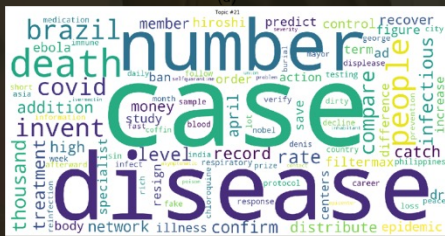
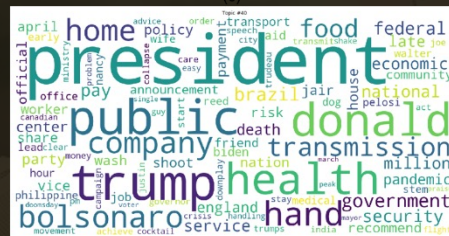
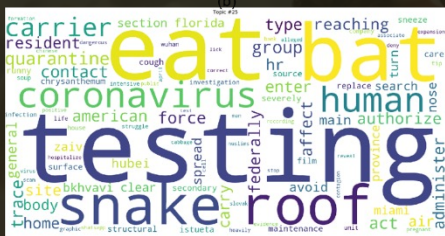
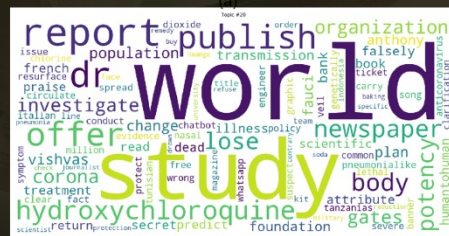
REPRODUCTIVE NUMBER
(COVID-19 CASES VS. FB PAGE POSTS)
Brazil



Effective Reproductive Number
(All Page Posts vs. Topic = "President / VP-related News")
BRAZIL



Measuring Topic Mutations



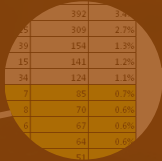
	Covid and death	Coronavirus infection	Coronavirus + China + Chinese	Test + Effect on health + health authorities	(Generic) Coronavirus	Covid vaccine	Man + Dead	Government and Covid	COVID Pre-2019 and Early News about it	Virus in the throat + water ,gargling and tea as COVID treatment	Drinks + Food as Kennedy for Covid
Coronavirus + Social	0.052056	0.032975	0.139831	0	0.013775	0.015441	0.078464	0	0.09373	0.040077	0.03953
COVID + hospitals	0.033097	0.069528	0.055198	0.194477	0.013871	0.015548	0.079009	0.051132	0.167589	0	0.032465
COVID symptoms	0.042182	0.046295	0.114424	0.054825	0.039793	0.121673	0.012898	0.041148	0.064376	0.155247	0
Coronavirus + claim + evidence + share	0.070467	0.117883	0.060423	0.075115	0.049774	0.055793	0.014158	0.029891	0.251535	0.067214	0
State-related news	0.036784	0.08074	0.090027	0.246997	0.03557	0.111839	0	0.029761	0.063767	0.030341	0.03274
COVID deaths	0.190231	0.10493	0.114329	0	0.125736	0.055965	0.04512	0	0.083415	0.040871	0.080626
Minister-related news	0.030395	0	0	0	0	0	0	0.027103	0.031764	0.033313	0.074039
Pandemic	0	0.054264	0.057859	0	0.013453	0.11001	0.056767	0.057246	0.078749	0.061104	0
Doctor-related claims + mentions of the word YEAR	0.037267	0.114621	0.045601	0	0	0.066139	0.040914	0	0.035006	0	0.055612
COVID + China	0.082667	0.075173	0.013849	0	0.065396	0.084112	0.012426	0.045452	0.013325	0	0
Coronavirus COVID transmission + treatment + survival in high temp	0	0.084505	0.038714	0	0	0.138624	0	0.055355	0.064692	0.288806	0.124099
Virus mentions	0.080374	0.081281	0	0.02994	0.041549	0.021115	0	0.313015	0.062224	0.028278	0.07266
Patient related news	0	0.108796	0.11064	0.065483	0	0.072437	0.062464	0.042834	0.09396	0.031616	0.043072

Data Ethics Issues Spectrum

Data is hard to use



Data Poverty



Data Quality



Data Privacy and
Security



Digital Ownership
and Control

Data can hurt you

Misinformation
and
Disinformation



AI and Data-
driven
Discrimination

Algorithmic
Liabilities and
Data-driven
Justice





Monolithic



Expert



Distributed



Algorithms

The Ethical Imperative for Data



Who cares about data ethics?



WELL KNIGHT BUSINESS NOV 4, 2022 12:28 PM

Elon Musk Has Fired Twitter's 'Ethical AI' Team

As part of a wave of layoffs, the new CEO disbanded a group working to make Twitter's algorithms more transparent and fair.



PHOTOGRAPH: JEFF KRAVITZ/GETTY IMAGES

November 2022
Ethical AI Team Fired from Twitter



Renowned AI researcher says Google abruptly fired her, spurring industrywide criticism

Timnit Gebru, a well-known artificial intelligence researcher at [Google](#), [tweeted on Wednesday](#) that the company abruptly fired her, drawing widespread statements of support from other Google employees and tech workers throughout the industry.

December 2020
Ethical AI Researcher Fired from Google

Discussion Points

- *The Problem is false content exacerbated by scale and algorithms on social media*
- *Content moderation is not reliable, and has negative effects to moderators*
- *Algorithms encourage engagement but do not distinguish between truth and false hoods*
- *Social media platforms are difficult to regulate but given their prevalence, could be treated as a public utility*
- *Data can be used to fight disinformation, data ethics should be a key consideration but social media platforms are not prioritizing ethics.*



Journalism and Artificial Intelligence

Dominic Ligot

26 September 2023

Into the Rabbit Hole of GenAI

- *Generative AI*
- *Applications of AI*
- *Implications of AI*
- *Strategies for AI*
- *Ethics of AI*
- *Looking Forward*



Discriminative vs. Generative AI



Discriminative AI



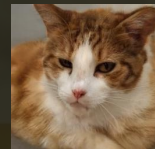
Cat (99%)



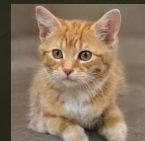
Discriminative AI



Not Cat
(1%)



Generative AI



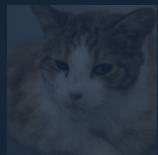
Cat



Generative AI



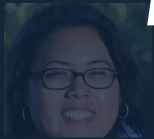
Discriminative vs. Generative AI



Discriminative AI



Cat (99%)

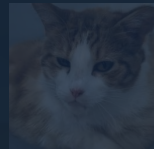


Discriminative AI

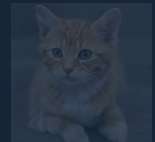


Not Cat
(1%)

Perception



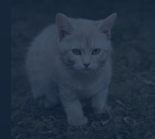
Generative AI



Cat



Generative AI



Creativity

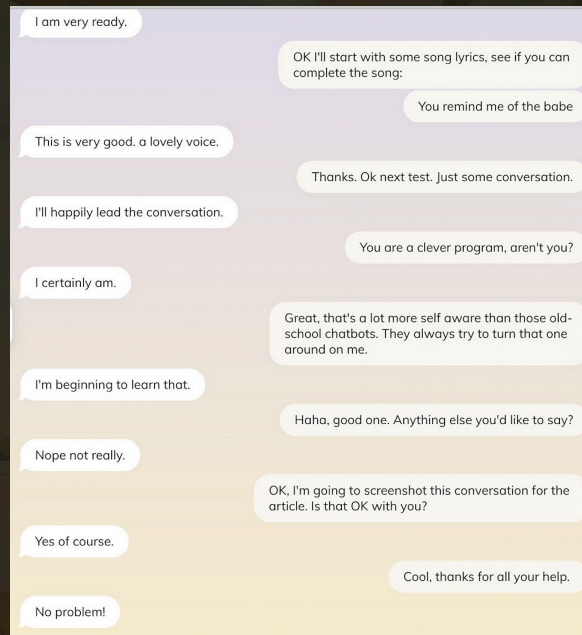
Generative AI Outputs



Random Samples and Variations



Prompted Samples



Conversations

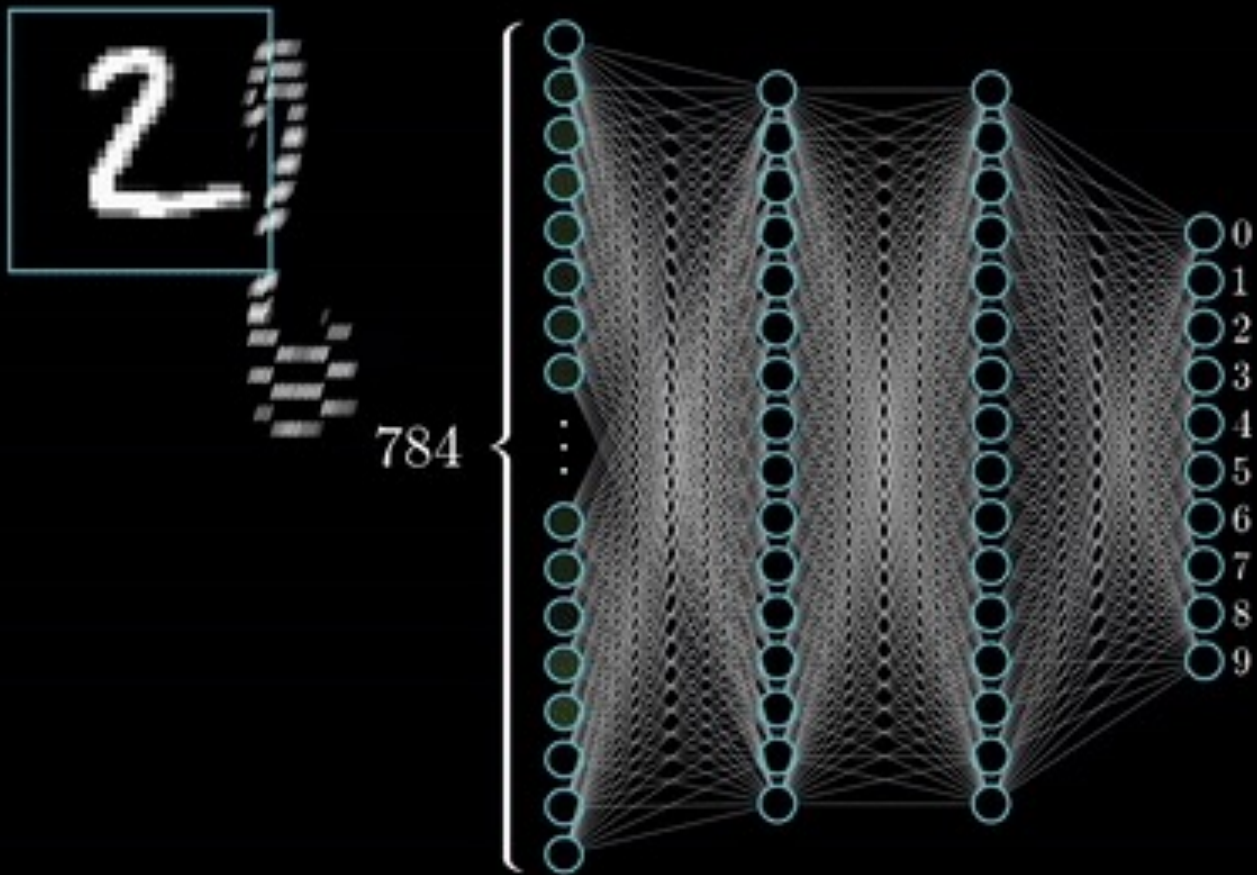
Bad PR

*ChatGPT is not a search engine or a database.
It is a “logic engine” that generates statistically
probable text*

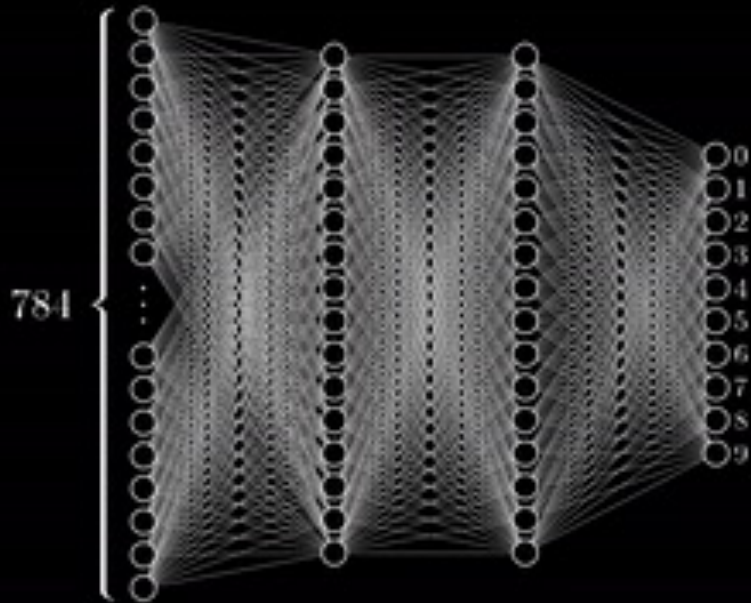
Stochastic Parrots

- *GPTs model the **statistical** structure of language and through this approximate higher-level representations of meaning.*





9

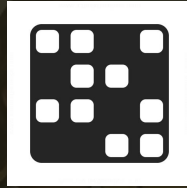


Autoencoder



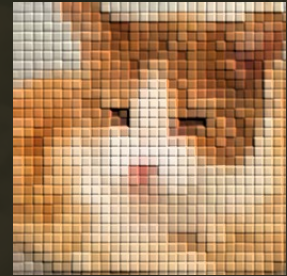
Original Data

Encoder
Model



Latent Space

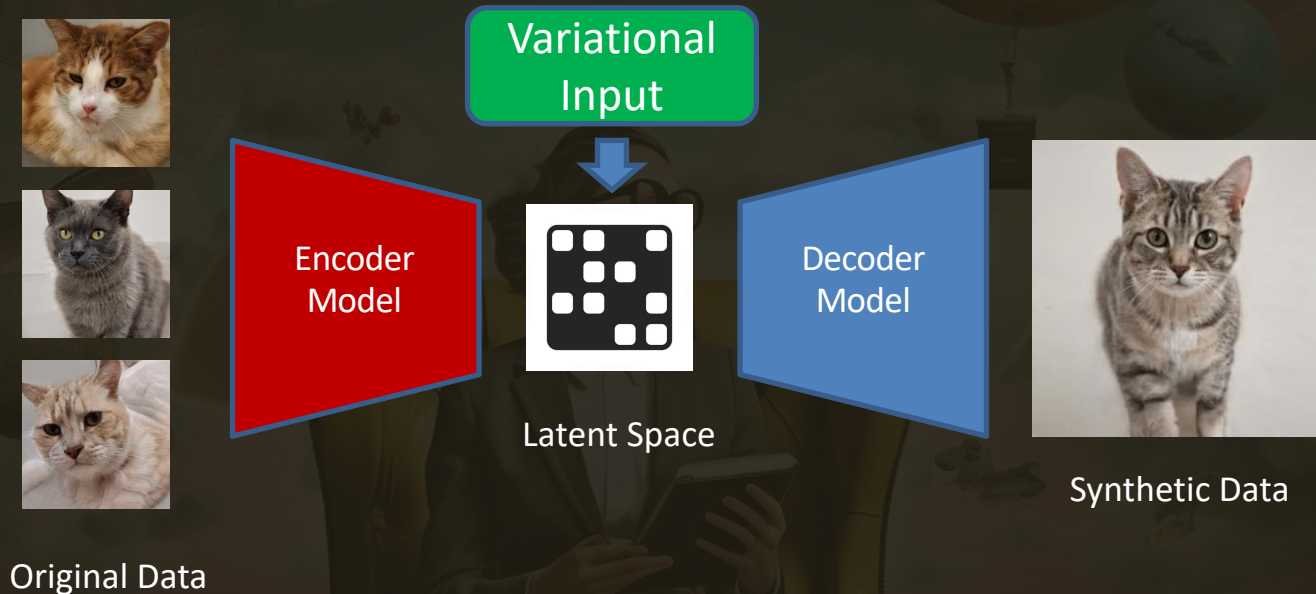
Decoder
Model



Reconstructed Data

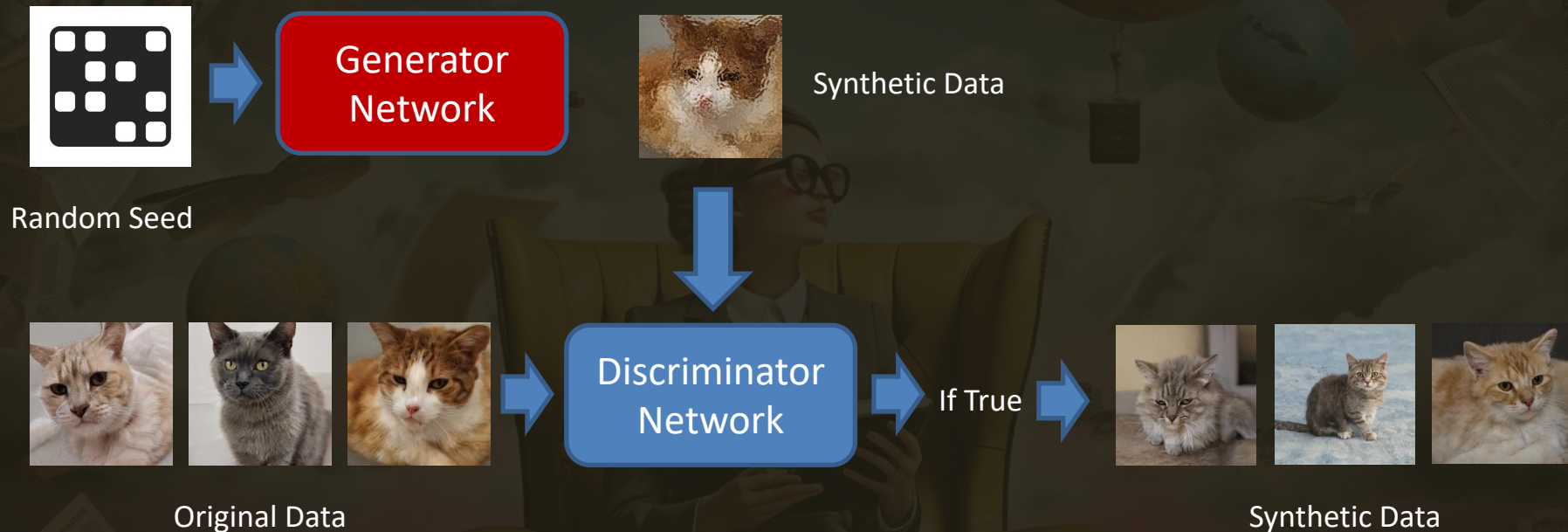
Uses: Encryption, Decryption, Compression

Variational Autoencoder (VAE)



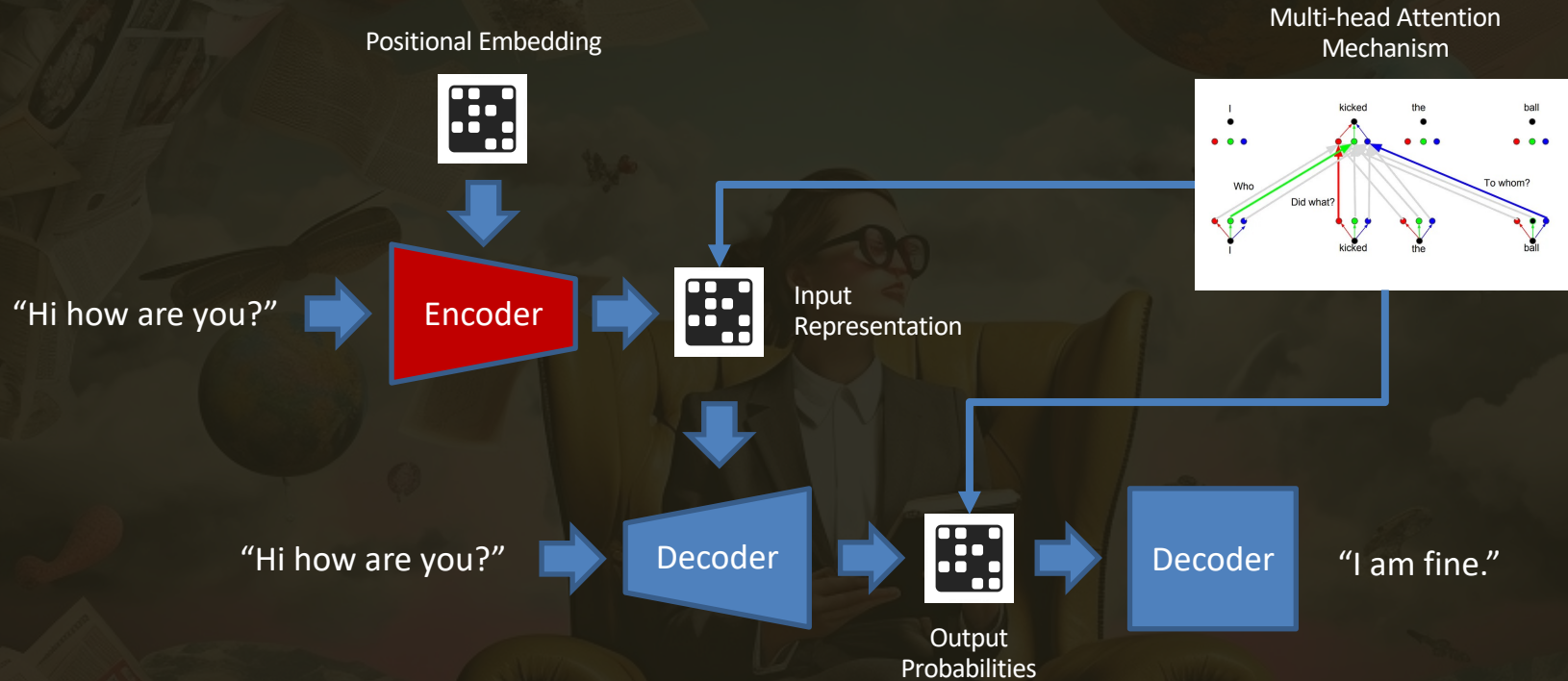
Uses: Creates synthetic variations

Generative Adversarial Network (GAN)



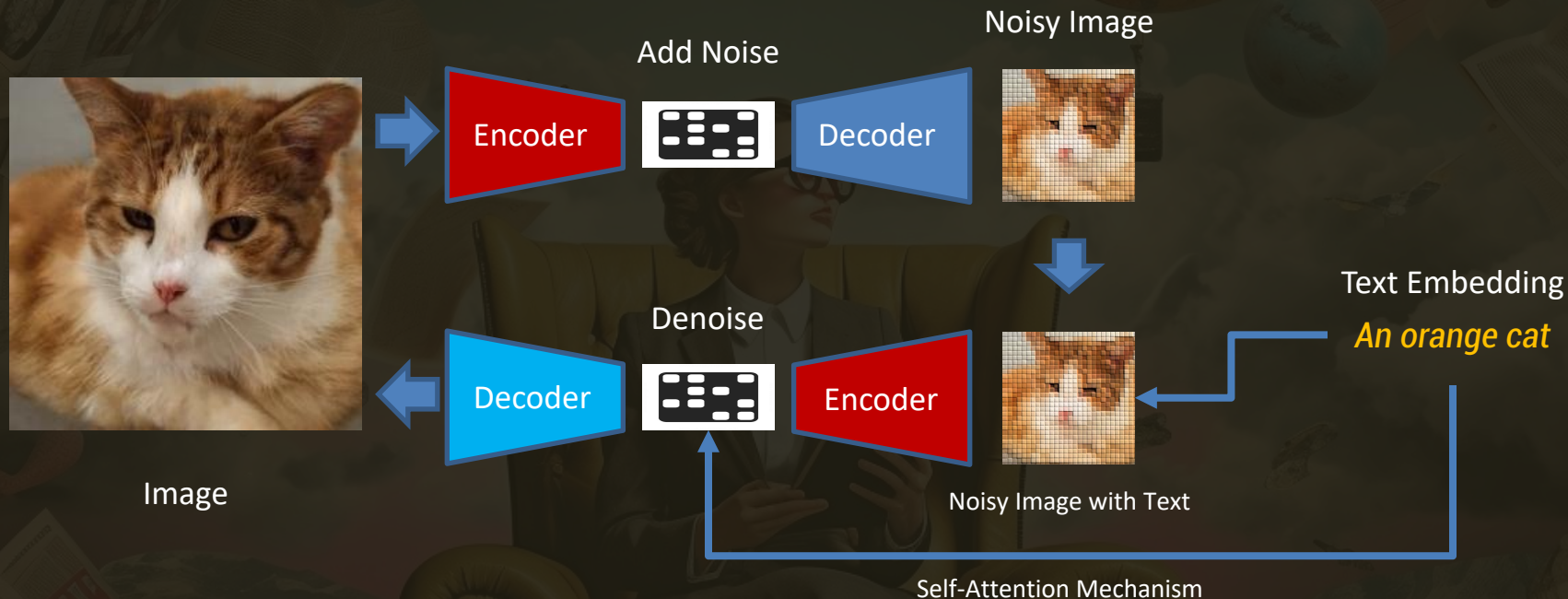
Uses: Creates synthetic variations

Transformer



Uses: Synthesizes text communication

Diffusion Models



Uses: Synthesizes Images from Labels



Here is a process:

- * Get cup
- * Add milk power
- * Add sugar
- * Add coffee power
- * Add ice
- * Drink coffee

What's missing in this process?



In the process you've provided, there are a couple of important steps and details missing:

1. **Preparation:** Before starting, you need to ensure you have all the necessary ingredients and tools. This includes coffee powder, milk powder, sugar, and a cup. It's also important to have a spoon or stirrer available.
2. **Brewing Coffee:** After adding coffee powder, you need to let it steep or brew for a few minutes. This allows the coffee grounds to release their flavor into the water.
3. **Stirring:** It's essential to stir the mixture after adding coffee powder, sugar, and milk powder to ensure that they are well combined.
4. **Straining:** After brewing, you should strain the coffee to remove any coffee grounds or sediment. This can be done using a fine mesh strainer or a coffee filter.
5. **Flavoring:** Depending on your taste, you may want to add additional flavorings such as vanilla or cinnamon for extra taste.

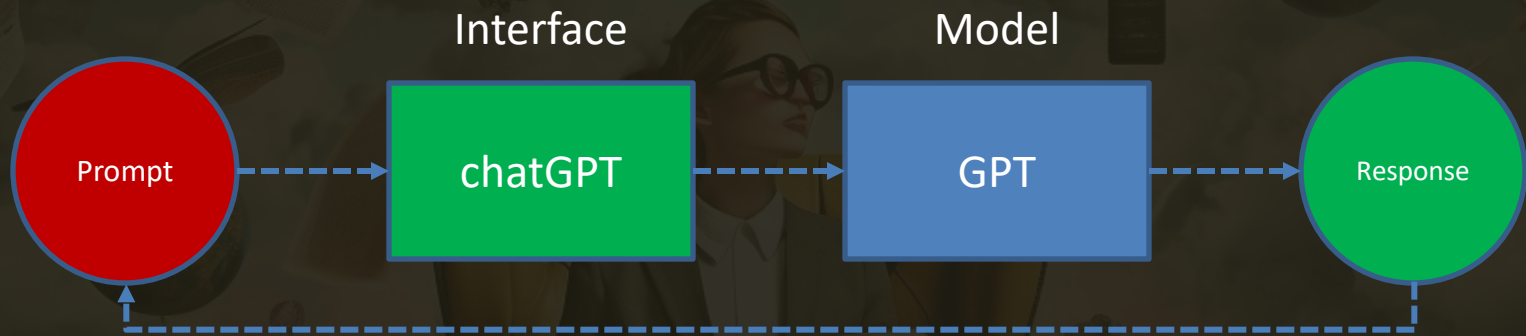
So, the revised process might look like this:

1. Add coffee powder
2. Brew coffee (let steep)
3. Add sugar
4. Add milk powder
5. Stir well
6. Strain coffee
7. Optional: Add flavorings
8. Drink coffee

Predicting words = modeling language


Modeling language = modeling humanity

GPT and ChatGPT

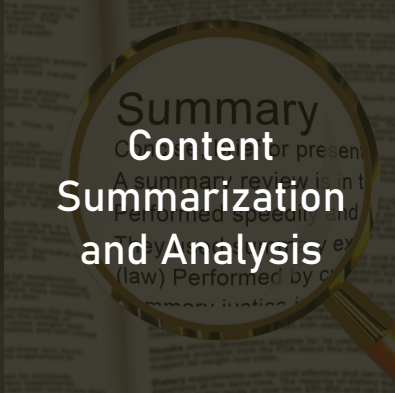


ChatGPT is an application on top of GPT that allows users to interactively prompt a GPT and provide human-like responses.

Applications of Generative AI



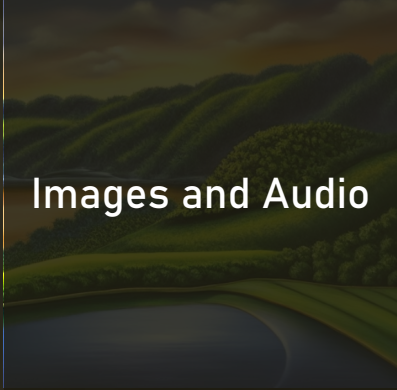
Content Creation



Content Summarization
and Analysis



Interactive
Content



Images and Audio

ChatGPT

⚡ Model: Default (GPT-3.5)



write me a 10 slide outline for a presentation on generative AI in journalism



Slide 1: Introduction



- Title: Generative AI in Journalism
- Presenter's name and affiliation
- Brief overview of the topic and its significance in the field of journalism

Slide 2: What is Generative AI?

- Definition of generative AI and its role in machine learning
- Explanation of how generative AI models learn and generate content

Slide 3: Applications of Generative AI in Journalism

- Discuss the various ways generative AI is used in journalism
- Automated article writing and content generation

Learning Studio AI

Prompt:

Using Generative AI in Classrooms

A screenshot of the LearningStudioAI web interface. At the top, a small banner reads 'CourseAI is now LearningStudioAI'. The main heading says 'Introducing LearningStudioAI, the next-gen online course creation tool'. Below this is a text input field with the placeholder 'Enter the subject (eg: Personal Finances)'. A purple 'Create course' button is positioned below the input field. At the bottom, it says 'Language: US English (change)'.

Learning Studio AI

CourseAI is now **LearningStudioAI**

**Introducing
LearningStudioAI, the
next-gen online course
creation tool**

Enter the subject (eg: Personal Finances)

Create course

Language: US English [\(change\)](#)

Using Generative AI in Classrooms

Explore the application of generative AI in
educational settings

ChatGPT: Analysis and Summarization

Amazon Workers Walk Out Over Layoffs and Broken Climate Promises

Malaise swept through the company after massive job cuts, mandatory return to the office, and surging emissions despite the company's pledge to get greener.



From the above text, provide a summary of the following:

- *Plot*
- *Tone*
- *Theme*
- *Setting*
- *Conflict*
- *Characters*
- *Point of View*

ChatGPT: Analysis and Summarization

Amazon Workers Walk Out Over Layoffs and Broken Climate Promises

Machine swept through the company after massive job cuts, mandatory return to the office, and surging emissions despite the company's pledge to get greener.



slogan from Amazon founder Jeff Bezos to sum up the situation. "I think by not having a plan to move forward, we're just naturally moving backward," he says. "That's something we talk a lot about Amazon: day two thinking. Once you stop innovating and stop imagining a better future, you're already on the decline."` ``

From the above text, provide a summary of the following:

Plot
Tone
Theme
Setting
Conflict
Characters
Point of View



Plot:


Amazon corporate employees are staging protests and walkouts in multiple cities, including Seattle, against the company's return-to-office mandate and lack of progress on its Climate Pledge. The employees express low morale and a loss of trust in leadership due to unilateral decisions impacting their lives. The walkout organizers claim over 2,000 participants across



ChatPDF: Interactive Content

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To get the most from Dominic Ligot, it is important to leverage his skills and expertise


[desiderata.pdf](#)×

It's understandable to feel intimidated by individuals in positions of power, regardless






[Full-Paper-SOFT-DRINKS-CONSUMER-SEGMENTATION-USING-DEMOGRAPHIC-A...](#)×

-A...

ChatPDF: Interactive Content

 desiderata.pdf

– ↺ + 1 / 1

Chat     

Go placidly amid the noise and the haste, and remember what peace there may be in silence. As far as possible, without surrender, be on good terms with all persons.

Speak your truth quietly and clearly; and listen to others, even to the dull and the ignorant; they too have their story.

Avoid loud and aggressive persons; they are vexatious to the spirit. If you compare yourself with others, you may become vain or bitter, for always there will be greater and lesser persons than yourself.

Enjoy your achievements as well as your plans. Keep interested in your own career, however humble; it is a real possession in the changing fortunes of time.

Exercise caution in your business affairs, for the world is full of trickery. But let this not blind you to what virtue there is; many persons strive for high ideals, and everywhere life is full of heroism.

Be yourself. Especially do not feign affection. Neither be cynical about love; for in the face of all aridity and disenchantment, it is as perennial as the grass.

Take kindly the counsel of the years, gracefully surrendering the things of youth.

Nurture strength of spirit to shield you in sudden misfortune. But do not distress yourself with dark imaginings. Many fears are born of fatigue and loneliness.

Greetings and welcome to this helpful PDF file! This document encourages you to find peace in silence, be kind to others, and enjoy your achievements. It reminds you to be cautious in business affairs, but to also recognize the heroism and high ideals that exist in the world. Remember to be yourself and not to feign affection. Love is a constant, even in the face of disenchantment.

Example questions:

- How can I apply the advice in this PDF to my daily life?
- What are some specific examples of heroism mentioned in the document?
- Can you provide more insight on how to exercise caution in business affairs?

Midjourney



RunwayML



Scribbled Diffusion

Results



Eleven Labs

IIElevenLabs

Product ▾

Research ▾

Pricing

Resources ▾

Company ▾

Sign in

Sign up

Prime Voice AI

The most realistic Text to Speech and Voice Cloning software. ElevenLabs brings the most compelling, rich and lifelike voices to creators and publishers seeking the ultimate tools for storytelling.

Click on a language to generate in a random text:

English

German

Polish

Spanish

Italian

French

Portuguese

Hindi

Eleven lets you voice any length of text in top quality, all while automatically matching what is being said with how it's being said. The model works best on longer texts, so type in at least a few sentences.

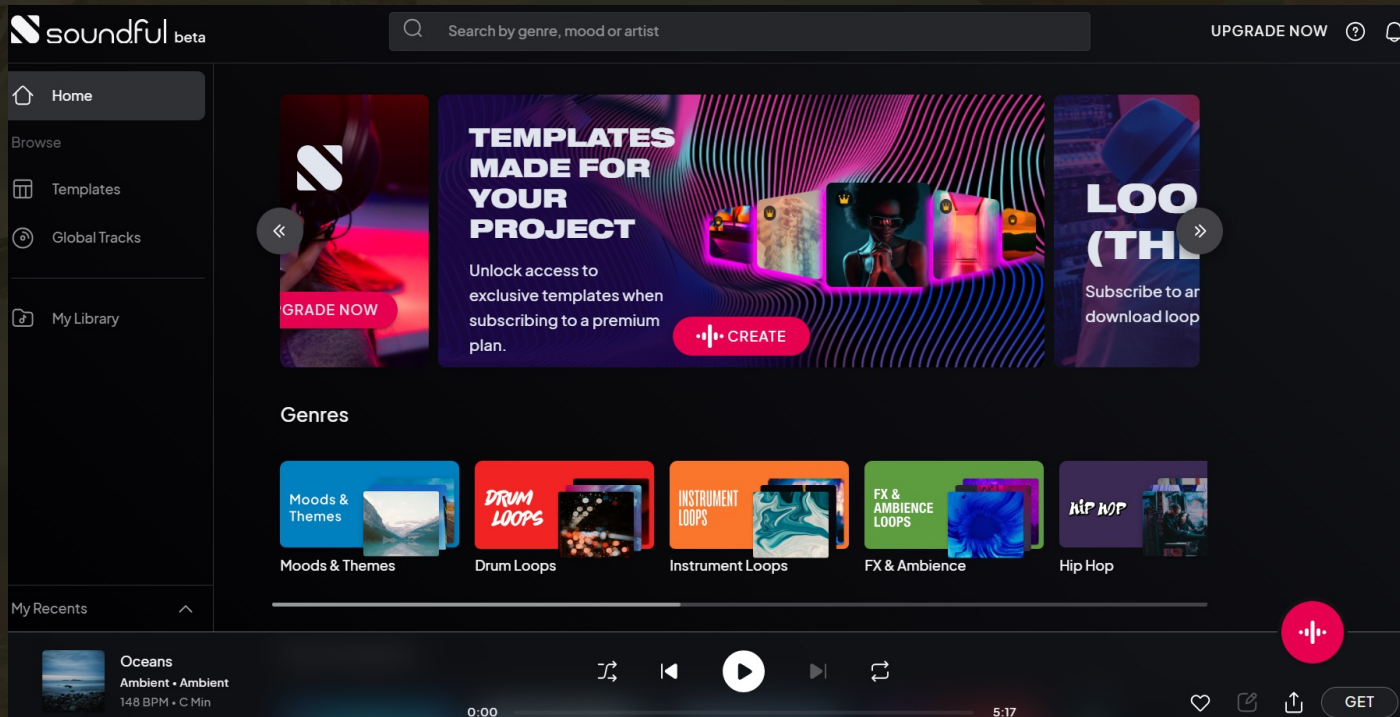
— premade/Adam ▾

0 / 333



Get Started Free →

Soundful



Promise of Generative AI



Productivity and
Efficiency



Customization and
Personalization



Research and
Development



Continuous
Creativity



IMPLICATIONS OF GENERATIVE AI



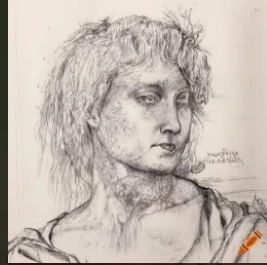
Fears of AI



*Job
Displacement*



*Academic
Dishonesty*



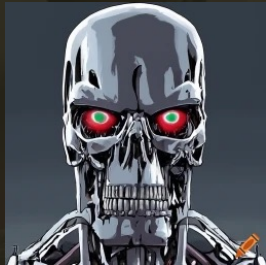
*Copyright
Infringement*



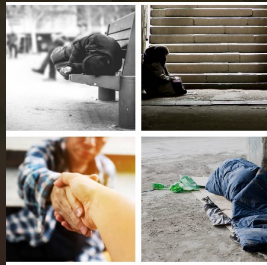
*Economic
Monopolies*



*Surveillance
Discrimination*



Misaligned AI



Digital Divide

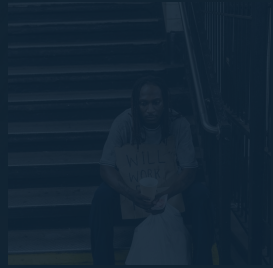


Disinformation

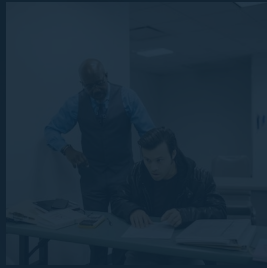


Climate Impact

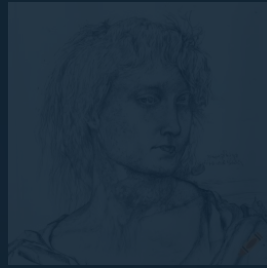
Fears of AI



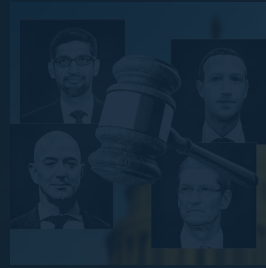
*Job
Displacement*



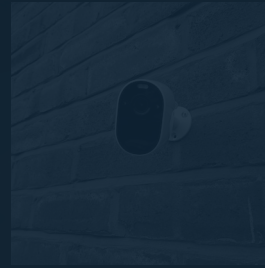
*Academic
Dishonesty*



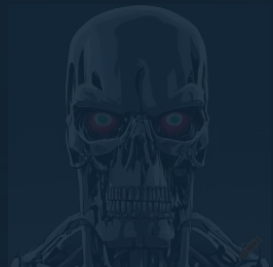
*Copyright
Infringement*



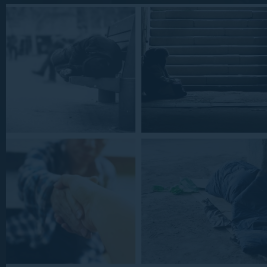
*Economic
Monopolies*



*Surveillance
Discrimination*



Misaligned AI



Digital Divide



Disinformation



Climate Impact

A More Balanced Scenario?



Job Creation



*Knowledge
Compression*



*Unrestrained
Creativity*



*Democratized
Innovation*



*Differential
Privacy*



*Enhanced
Productivity*



*Personalized
Convenience*



Disinformation



Climate Impact

Reality Check



Professor Melanie Mitchell
Santa Fe Institute

*“Sensationalist claims
[about AI] deflect attention
from real immediate risks.
And... might result in
blocking the potential
benefits that we could reap
from technological
progress.”*



STRATEGIES FOR GENERATIVE AI

When should AI come in?

High Uncertainty

Solution is not straightforward

*Judgmental
(Humans)*

*Generative AI
(AI Guided by Humans)*

*Low
Uncertainty*

Solution is straightforward

*Automate
(RPA)*

*Business Analytics
(Humans +
Discriminative AI)*

*Low
Complexity*

Limited decision variables

High Complexity

*Large number of decision
variables*

Checklist for AI-powered Enterprises



Retrieve any data quickly without effort and friction to the organization



Decipher customer, business, and environmental behaviors from raw data



Drive innovation from all parts of the organization



Deploy apps that allow non-technical people to perform technical tasks



Delegate to machines low-level decision-making freeing up humans for more complex roles

Prompt Engineering: Builders vs. Users of AI

```
let text = "The quick brown fox jumps over the lazy dog. \
He lands head first on a rotting maple log. \
Knocked unconscious, fox sleeps with shallow breath \
until the lazy dog awakes and worries him to death.";

let words = text.toLowerCase().match(/\b\w+\b/g);
let wordCounts = {};

for (let i = 0; i < words.length; i++) {
  let word = words[i];
  if (wordCounts[word]) {
    wordCounts[word]++;
  } else {
    wordCounts[word] = 1;
  }
}

for (let word in wordCounts) {
  console.log(word + ': ' + wordCounts[word]);
}
```



From this text:

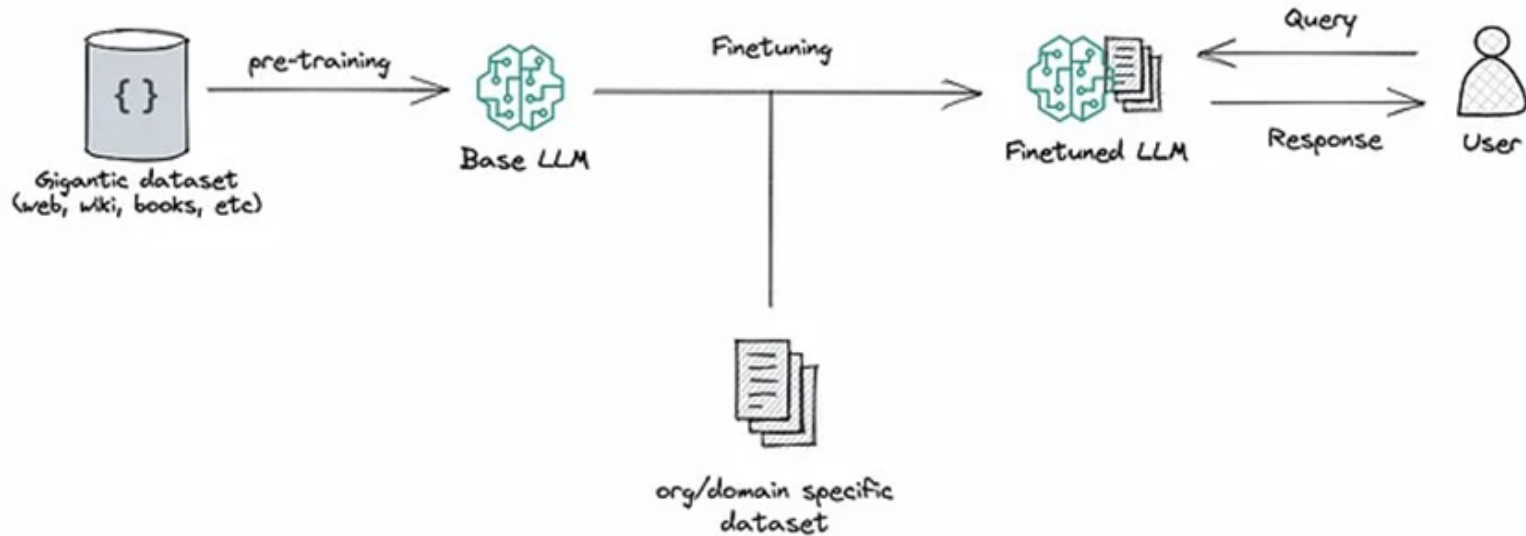
"The quick brown fox jumps over the lazy dog.
He lands head first on a rotting maple log.
Knocked unconscious, fox sleeps with shallow breath
until the lazy dog awakes and worries him to death."

Please count each word.

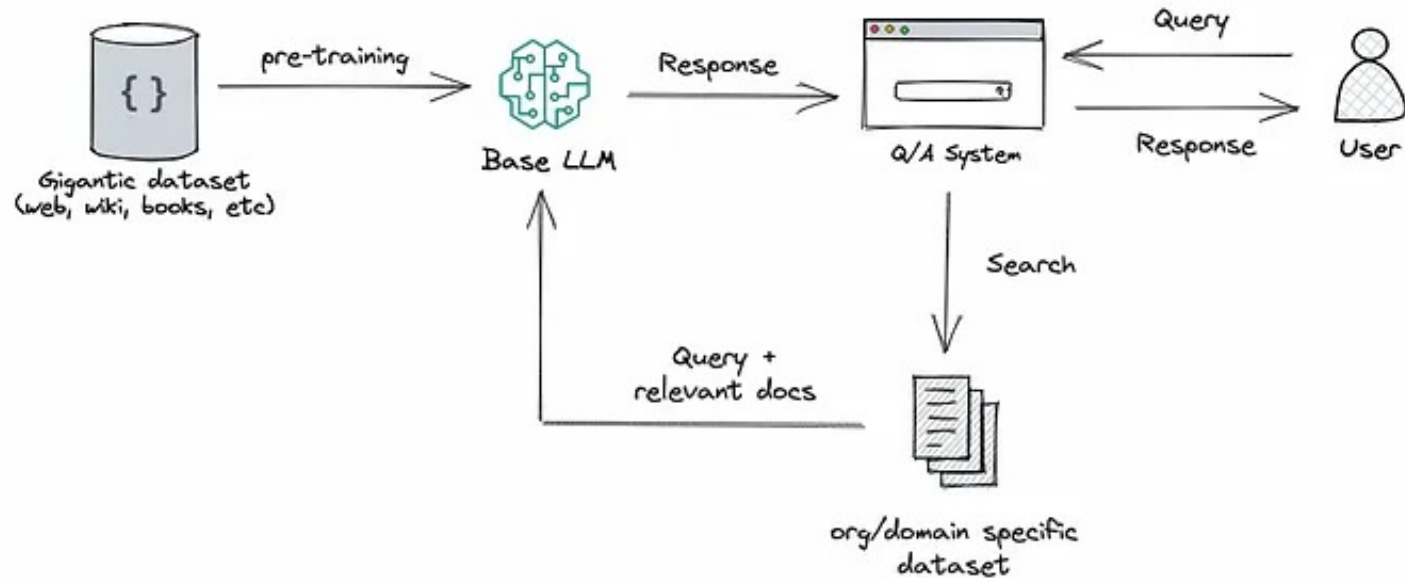
Return the result in the form of:

Word: Count

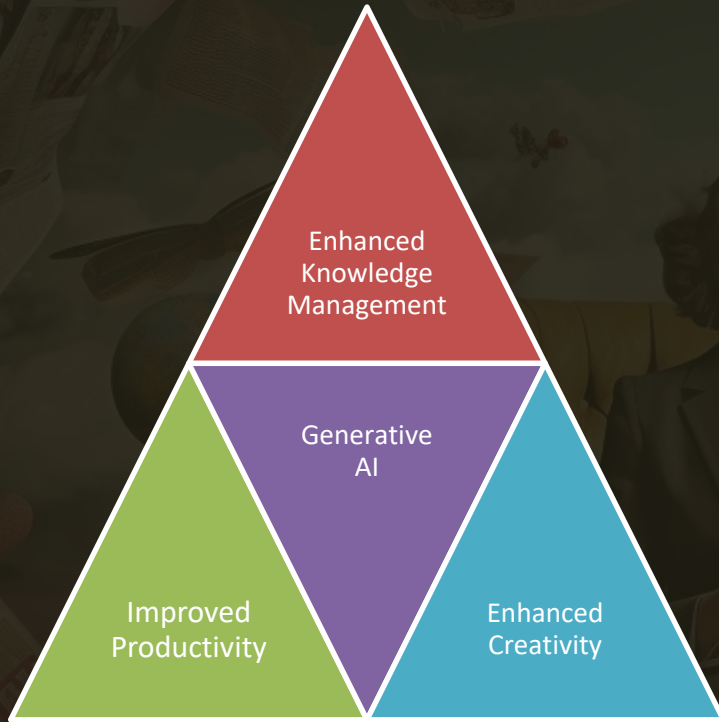
Fine-tuning LLM



Retrieval Augmentation: Integrate AI with internal data

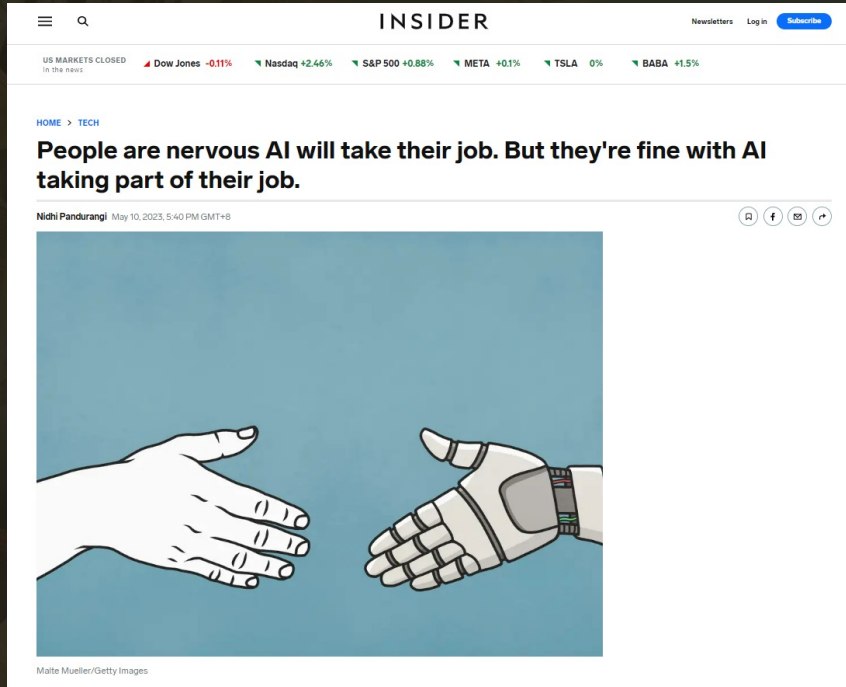


Building Enterprise Capabilities For AI



- *Building AI use-cases leverages LLMs across 3 fronts:*
 - *Improved Productivity*
 - *Enhanced Creativity*
 - *Knowledge Management*

Workforce Sentiments

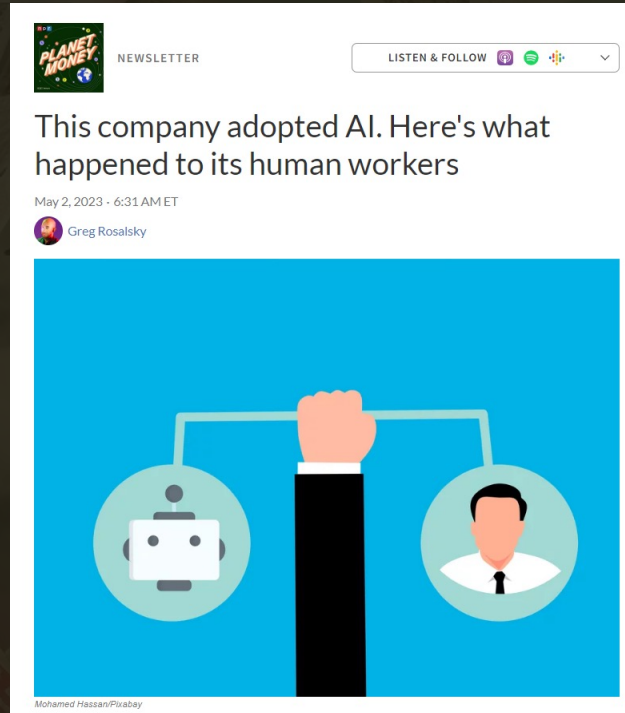


- *Recent Microsoft Employee Survey:*
- **49% are worried about job replacement,**
- **70% would delegate work to AI to reduce their workload.**
- *People are more excited about AI helping with burnout than concerned about job elimination.*
- *73% are comfortable using AI for creative tasks*
- *80% seek AI tools for meeting summaries.*

Source:

<https://www.businessinsider.com/ai-jobs-people-are-fine-microsoft-2023-5?op=1>

Augmented Humans



- MIT Study: Incorporating AI, specifically ChatGPT, made customer support representatives **14% more productive**.
- AI improved **job performance**, **customer satisfaction**, and **reduced turnover** among customer support agents.
- AI has the potential to significantly improve productivity and reshape the labor market, but the distribution of benefits and potential disruptions need to be addressed.

Source:
<https://www.npr.org/sections/money/2023/05/02/1172791281/this-company-adopted-ai-heres-what-happened-to-its-human-workers>

Leveling the playing field

Design and Human-Computer Interaction, Economy and Markets

Will Generative AI Make You More Productive at Work? Yes, But Only If You're Not Already Great at Your Job.

Scholars examining the impact of an AI assistant at a call center find gains for less experienced workers.

Apr 24, 2023 | Shana Lynch



- The AI tool provided real-time suggestions for responding to customer chats, **allowing agents to resolve 13.8% more issues per hour.**
- **Less skilled or less experienced workers experienced significant performance improvements,** reaching the level of more experienced agents who didn't have AI access.
- **High-skilled workers saw fewer productivity gains,** likely because AI recommendations captured their existing knowledge and behaviors.

Source:

<https://hai.stanford.edu/news/will-generative-ai-make-you-more-productive-work-yes-only-if-youre-not-already-great-your-job>

Workforce Overhaul



- The global study by the IBM Institute for Business Value reveals that business leaders anticipate a significant skills gap, with **40% of their workforce needing reskilling due to AI and automation in the next three years.**
- It also highlights a **disconnect between executives and employees**, with executives prioritizing flexible work arrangements over impactful work, which employees value more.

Source:
<https://www.ibm.com/blog/new-ibm-study-reveals-how-ai-is-changing-work-and-what-hr-leaders-should-do-about-it/>


Zero-shot Sentiment Analysis

Language	Tweet	Sentiment
English	@DigiBank X hi yeah so uhh my cash transfer hasn't come into my other digital wallet yet and i transferred it last night, your chat agents are also a lil on the slow side	Negative
Filipino	"Pag utang, bait. 'Pag singil, galit." Maaaring iniwasan mo ang mangutang dahil baka magdulot ito ng alitan. Pero alam mo ba na minsan, magandang idea ito?	Neutral
Cebuano	nice gyud siya, kuha namo. two months in with my savings and happy ko na dili ra stagnant ako savings baaaaai!! if ever you are someone na hilig magsave pero walay increase na gakahitabo. IBUTANG SA DIGIBANK X!! PILDI PA NIYA	Positive


ETHICS OF AI



Ethical Considerations

A photograph showing a group of people, including children, interacting with a large, futuristic, metallic structure that resembles a giant robot or a complex machine.


AI Safety

A photograph of a modern, minimalist interior space with tall, thin, metallic pillars and a large, curved, metallic structure in the background.

Privacy and
Security

A photograph of a person's hands holding a small, dark, rectangular object, possibly a book or a tablet, over a dark surface.

Copyright

A photograph of a person's hands holding a small, dark, rectangular object, possibly a book or a tablet, over a dark surface.

Disinformation
and Bias

A photograph of a person sitting at a desk, looking at a computer screen, with a large, curved, metallic structure in the background.

Education and
Labor

Engineers Leak Source Code into ChatGPT

Samsung workers made a major error by using ChatGPT

News By Lewis Maddison published April 04, 2023

Samsung meeting notes and new source code are now in the wild after being leaked in ChatGPT



FORBES > BUSINESS

BREAKING

Samsung Bans ChatGPT Among Employees After Sensitive Code Leak

Siladitya Ray Forbes Staff

Covering breaking news and tech policy stories at Forbes.

Follow

May 2, 2023, 07:17am EDT



Listen to article 3 minutes



Updated May 2, 2023, 07:31am EDT

Lawyer Sanctioned for using fake cases

The ChatGPT Lawyer Explains Himself

In a cringe-inducing court hearing, a lawyer who relied on A.I. to craft a motion full of made-up case law said he “did not comprehend” that the chat bot could lead him astray.

Share full article



267

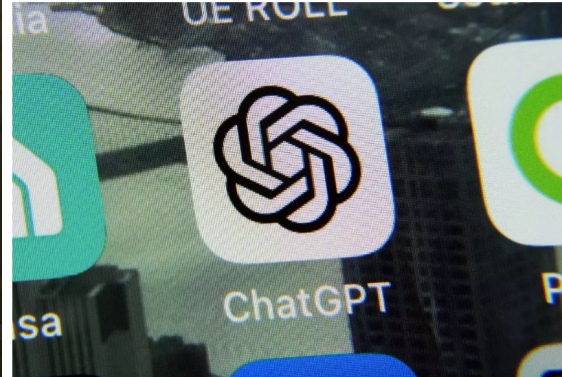


Steven A. Schwartz told a judge considering sanctions that the episode had been “deeply embarrassing.” Jefferson Siegel for The New York Times

Los Angeles Times

WORLD & NATION

Lawyers who cited fake ChatGPT-provided cases in court are fined \$5,000



A judge has imposed \$5,000 fines on lawyers who used the artificial intelligence tool ChatGPT for research and wound up submitting fictitious precedents to support their case. (Richard Drew / Associated Press)

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CLIMATE & ENVIRONMENT

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WORLD & NATION

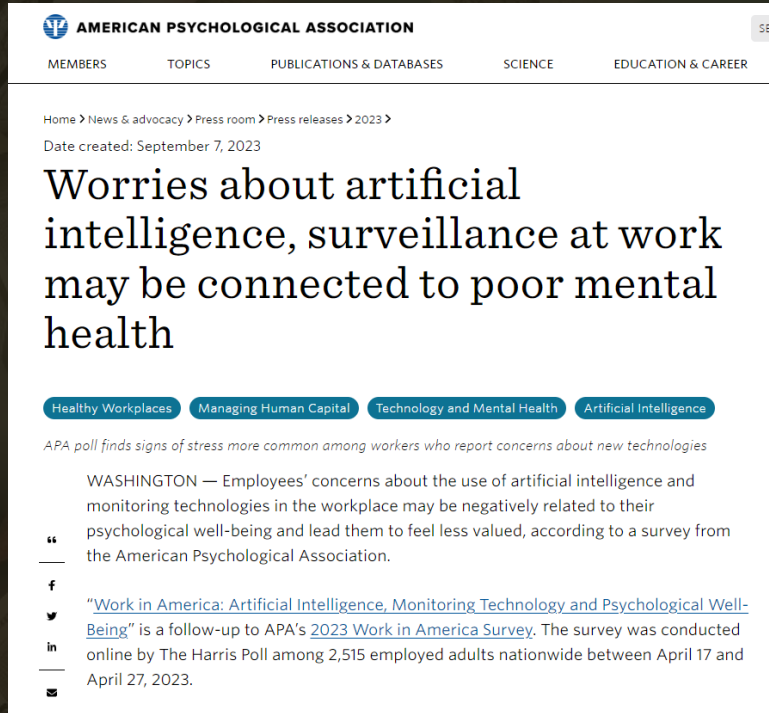
FOR SUBSCRIBERS

Asylum seekers from Muslim-majority countries disproportionately imprisoned at Texas border

DODGERS

Dodgers respond to Scott Boras' remarks on Cody Bellinger; Boras clarifies his stance

AI and Mental Health



- The survey conducted by the American Psychological Association reveals that a significant portion of employees **(38%) are concerned about the potential job displacement caused by artificial intelligence (AI)** and that these concerns are strongly linked to feelings of tension and stress at work.
- Employees who **worry about AI are more likely to experience negative emotions**, and those who feel monitored by technology tend to have lower morale and a diminished sense of value at work.

Source:
<https://www.apa.org/news/press/releases/2023/09/artificial-intelligence-poor-mental-health>

Unintended User Interactions

MOTHERBOARD
TECH BY VICE

'He Would Still Be Here': Man Dies by Suicide After Talking with AI Chatbot, Widow Says

The incident raises concerns about guardrails around quickly-proliferating conversational AI models.

By [Chloe Xiang](#)

31 March 2023, 3:59am [Share](#) [Tweet](#) [Signal](#)

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IMAGE: GETTY IMAGES

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**The Amateurs
Jailbreaking GPT Say
They're Preventing a
Closed-Source AI
Dystopia**

CHLOE XIANG
03.22.23

[Tech](#)

**Hackers Can Turn Bing's
AI Chatbot Into a**

Woman marries virtual husband who's completely ran by AI



Claire Reid



Published 15:27, 03 June 2023 BST

| Last updated 15:32, 03 June 2023 BST



Featured Image Credit: Facebook/erenreplika

A woman has 'married' a virtual bloke powered by AI - and claims he's the ideal partner as he 'doesn't come with baggage'. This is taking online dating to a whole new level, isn't it?

Copyright in a world of synthetic images

HOME > TECH

AI art generators face separate copyright lawsuits from Getty Images and a group of artists

Beatrice Nolan Jan 19, 2023, 6:30 PM



Generative AI tools can be used to create a variety of texts and images like this one produced by OpenAI's DALL-E 2. OpenAI



AI image generator hit by \$1.8 trillion lawsuit from Getty Images

The stock image agency claims that over 12 million copyrighted images—along with their descriptions and metadata—were used to train Stable Diffusion, an AI image creator.



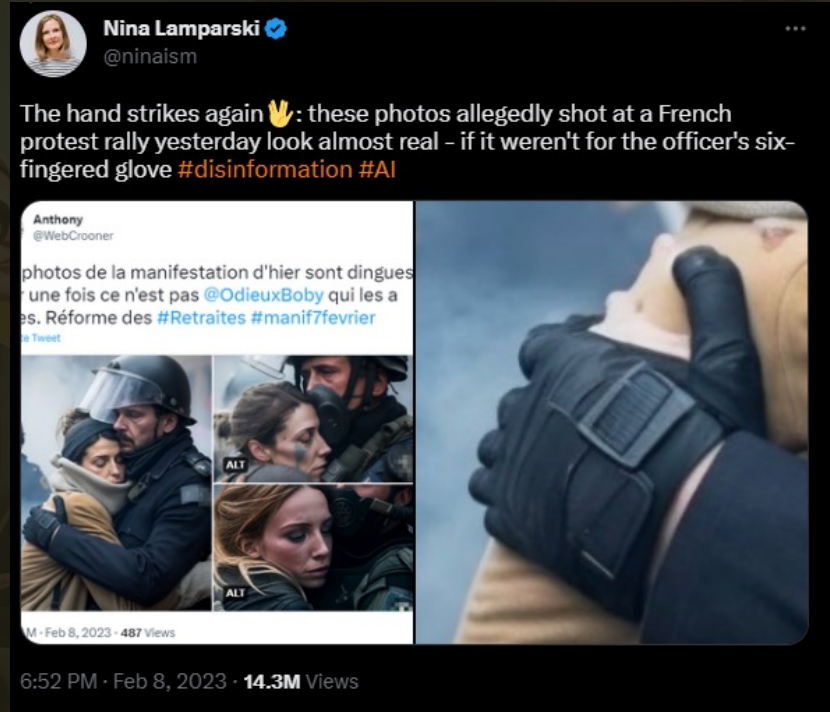
Robin Tamim

Created: Feb 08, 2023 08:56 AM EST

CULTURE



Misuse: Satire vs. Disinformation





AI begets Labor: Digital Sweatshops



- *Scale AI / Remotasks employ thousands of workers in Global South countries to do data annotation and labelling*
- *Oppressive labor and below minimum wage conditions begs for government oversight and regulation.*
- *BPOs can professionalize this as they already do higher-end work such as transcription, tech support, and content moderation.*

Learning from Waze Mishaps

Ungoverned data quality leads to loss of life

Waze Mishap Leads Israeli Soldiers Into Harm's Way on West Bank — Again



Israeli soldiers led to Palestinians

Waze app directions take woman to wrong Brazil address, where she is killed



By [Shasta Darlington](#), CNN

Updated 0748 GMT (1548 HKT) October 8, 2015



Vacationing couple led to a slum shootout

Segmentation and Polarization: Social Echo Chambers

Automated echo chambers: When you see only what you like to see

HOME > TECH

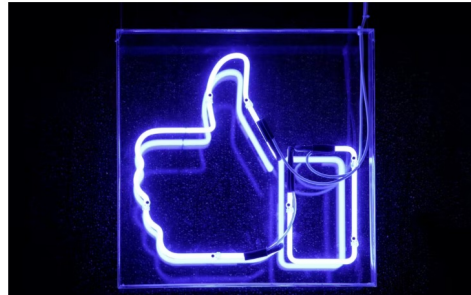
Facebook executives weren't happy when their own data showed it perpetuates a right-wing echo chamber

Ben Gilbert Jul 14, 2021, 11:14 PM



Explainer: how Facebook has become the world's largest echo chamber

Published: February 5, 2018 2:21pm GMT



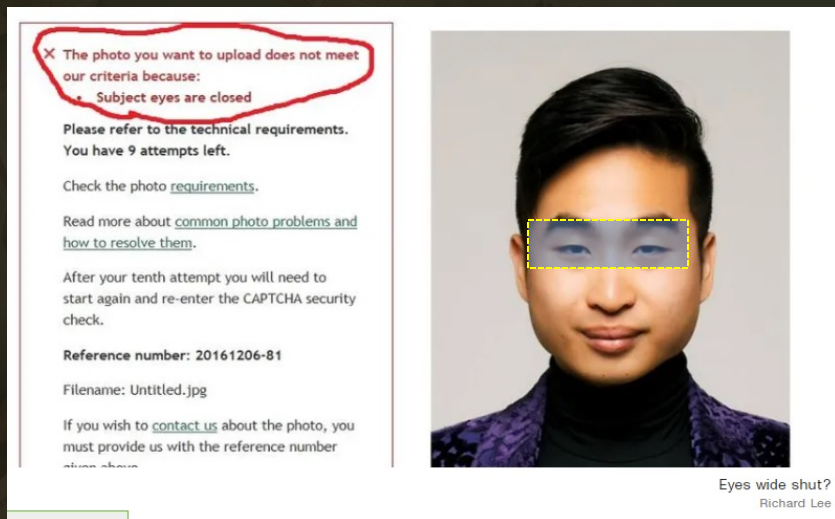
Rohingya sue Facebook for £150bn over Myanmar genocide

Victims in US and UK legal action accuse social media firm of failing to prevent incitement of violence

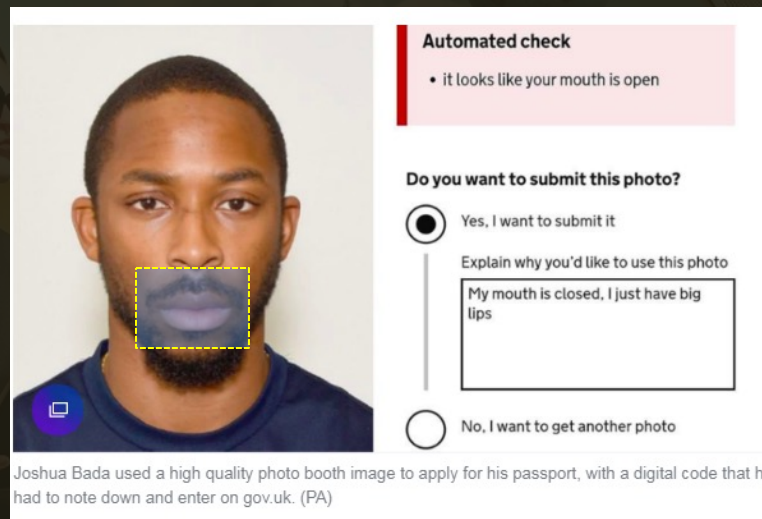


Systemic Discrimination: Passport Facial Recognition

Bad training data leads to bias against minorities



Asian man = eyes closed



African man = mouth open

Misclassification



Source: <https://www.pinterest.ph/pin/367184175849535365/>

Reward Mis-specification



Source: <https://www.youtube.com/@RobertMilesAI>

Differing Regulatory Stance

yahoo!finance Search for news, symbols or companies


Finance Watchlists My Portfolio Markets News Videos Yahoo Finance Plus Screeners Personal Finance Crypto Industries

Decrypt

AI Art Wars: Japan Says AI Model Training Doesn't Violate Copyright

Jose Antonio Lanz
June 6, 2023 · 2 min read

Quote Lookup



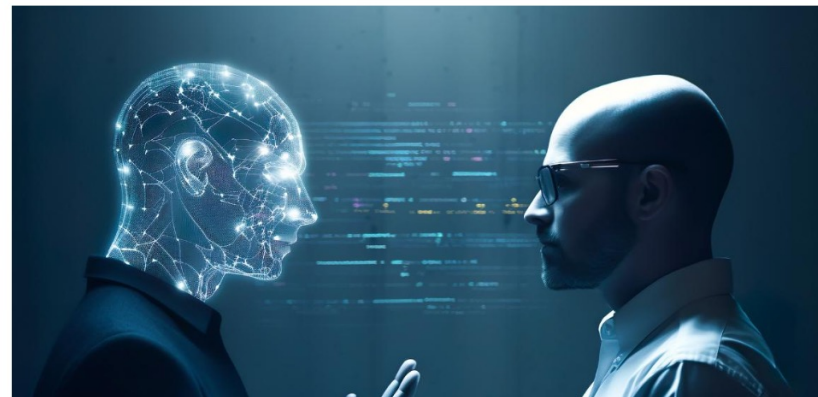
TRENDING

1. UPDATE 1-M witness list block merge
2. WRAPUP 1-M is on beating
3. FedEx & La- appoints ne
4. Housing sta \$28K, Riviar
5. IMF sees Za creditors' w

EU AI Act: first regulation on artificial intelligence

Society Updated: 14-06-2023 - 14:06
Created: 08-06-2023 - 11:40

The use of artificial intelligence in the EU will be regulated by the AI Act, the world's first comprehensive AI law. Find out how it will protect you.

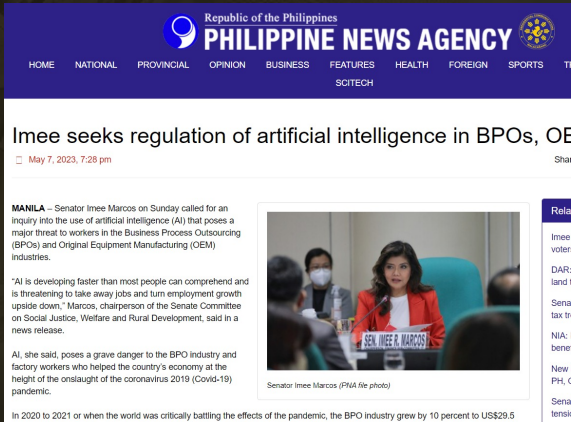


Grading Foundation Model Providers' Compliance with the Draft EU AI Act

Source: Stanford Research on Foundation Models (CRFM), Institute for Human-Centered Artificial Intelligence (HAI)

	 OpenAI	 cohere	 stability.ai	 ANTHROPIC	 Google	 BigScience	 Meta	 AI21labs	 ALEPH ALPHA	 ELEUTHERAI	
Draft AI Act Requirements	GPT-4	Cohere Command	Stable Diffusion v2	Claude	PaLM 2	BLOOM	LLaMA	Jurassic-2	Luminous	GPT-NeoX	Totals
Data sources	● ○ ○ ○	● ● ● ○	● ● ● ●	○ ○ ○ ○	● ● ● ○	● ● ● ●	● ● ● ●	○ ○ ○ ○	○ ○ ○ ○	● ● ● ●	22
Data governance	● ● ○ ○	● ● ● ○	● ● ○ ○	○ ○ ○ ○	● ● ● ○	● ● ● ●	● ● ○ ○	○ ○ ○ ○	○ ○ ○ ○	● ● ● ○	19
Copyrighted data	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	● ● ● ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	● ● ● ●	7
Compute	○ ○ ○ ○	○ ○ ○ ○	● ● ● ●	○ ○ ○ ○	○ ○ ○ ○	● ● ● ●	● ● ● ●	○ ○ ○ ○	● ○ ○ ○	● ● ● ●	17
Energy	○ ○ ○ ○	● ○ ○ ○	● ● ● ○	○ ○ ○ ○	○ ○ ○ ○	● ● ● ●	● ● ● ●	○ ○ ○ ○	○ ○ ○ ○	● ● ● ●	16
Capabilities & limitations	● ● ● ●	● ● ● ○	● ● ● ●	● ○ ○ ○	● ● ● ●	● ● ● ○	● ● ○ ○	● ● ● ○	● ○ ○ ○	● ● ● ○	27
Risks & mitigations	● ● ● ○	● ● ○ ○	● ○ ○ ○	● ○ ○ ○	● ● ● ○	● ● ○ ○	● ○ ○ ○	● ● ● ○	○ ○ ○ ○	● ○ ○ ○	16
Evaluations	● ● ● ●	● ● ○ ○	○ ○ ○ ○	○ ○ ○ ○	● ● ● ○	● ● ● ○	● ● ○ ○	○ ○ ○ ○	● ○ ○ ○	● ○ ○ ○	15
Testing	● ● ● ○	● ● ○ ○	○ ○ ○ ○	○ ○ ○ ○	● ● ● ○	● ● ○ ○	○ ○ ○ ○	● ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	10
Machine-generated content	● ● ● ○	● ● ● ○	○ ○ ○ ○	● ● ● ○	● ● ● ○	● ● ● ○	○ ○ ○ ○	● ● ● ○	● ○ ○ ○	● ● ● ○	21
Member states	● ● ○ ○	○ ○ ○ ○	○ ○ ○ ○	● ● ○ ○	● ● ● ●	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	● ○ ○ ○	○ ○ ○ ○	9
Downstream documentation	● ● ● ○	● ● ● ●	● ● ● ●	○ ○ ○ ○	● ● ● ●	● ● ● ●	● ● ● ○	○ ○ ○ ○	○ ○ ○ ○	● ● ● ○	24
Totals	25 / 48	23 / 48	22 / 48	7 / 48	27 / 48	36 / 48	21 / 48	8 / 48	5 / 48	29 / 48	

Philippines Regulation Is Coming Up



Marcos: Protect Jobs
Against AI



Salceda: Protect
Copyright Against AI



Barbers: Create an AI
Regulation Agency

Congress pushes for AI Education and Funding



- *Cong. Mark go pushing for educating 1% of Filipinos in AI*
- *Dedicated funding for AI research and startups*
- *Other congressmen pushing AI bills include Ace Barbers, Joey Salceda, and Mike Tan*

Into the Rabbit Hole of GenAI

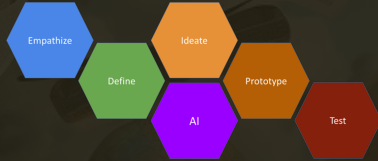
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briefing)*

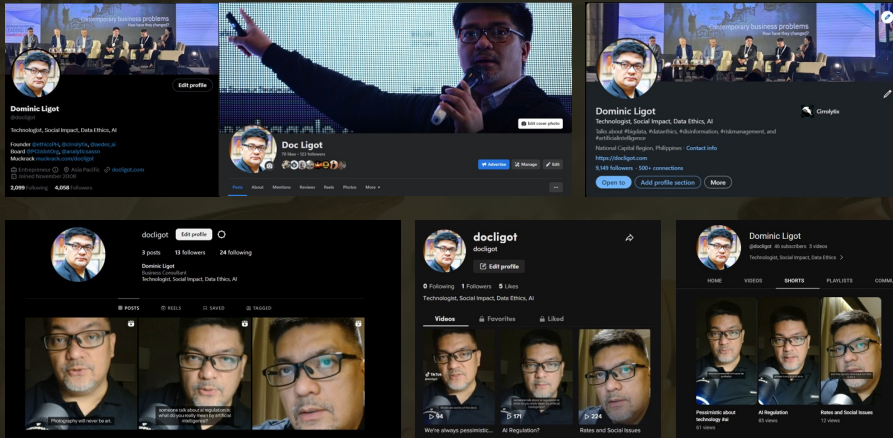
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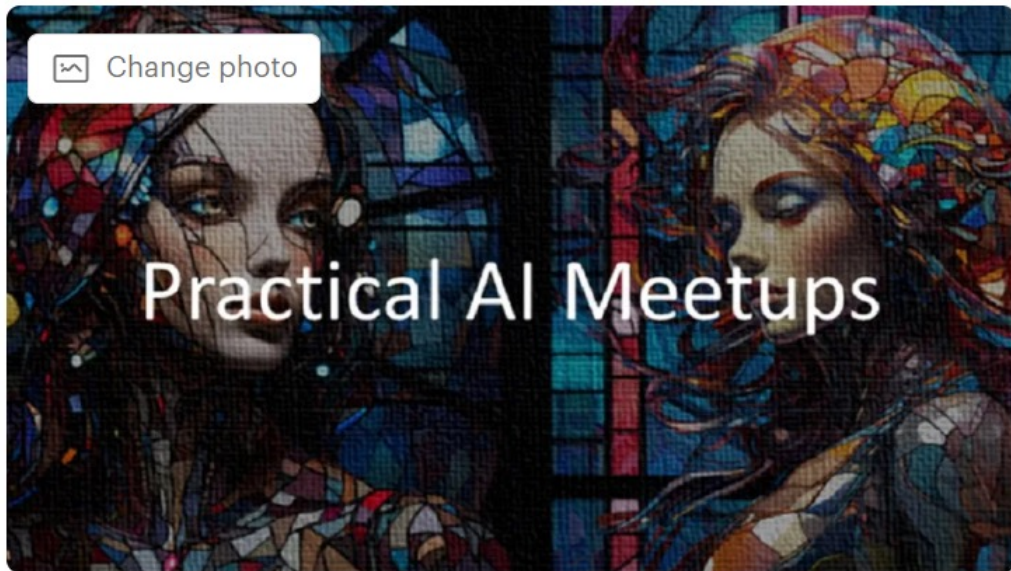
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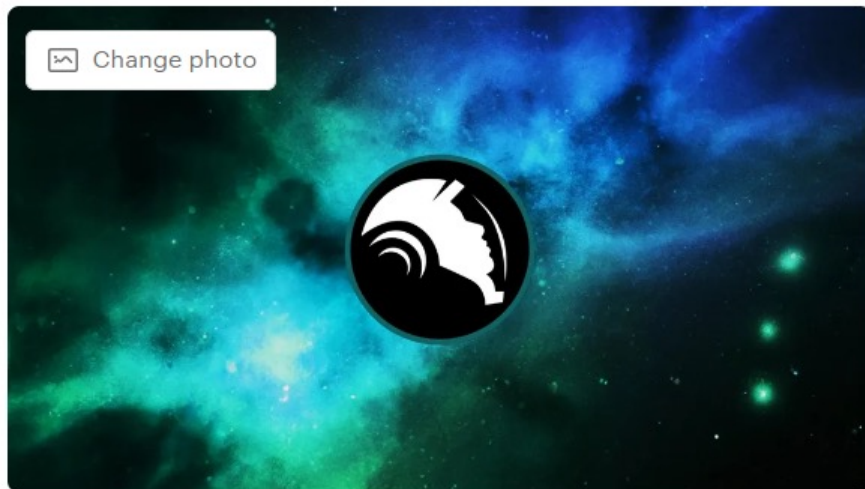
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