

# **ALL AI ART IS \*\*\*\*\* AND THE CONSEQUENCES FOR GEN AI ENHANCED SOFTWARE DEVELOPMENT**

**SEBASTIAN SCHÜRMAN - DEPARTMENT DC**

**ADULTS ONLY 18+**



**ESRB**

**Offensive Opinions**

**Godwins Law warning**

**Art**

**Ignoring Common Sense**

**Unapologetic**

# **ALL AI ART IS \*\*\*\* AND THE CONSEQUENCES FOR GEN AI ENHANCED SOFTWARE DEVELOPMENT**

SEBASTIAN SCHÜRMAN

**WHOIS [sebastian.schuermann](mailto:sebastian.schuermann)**

**ART**

**EXPERIMENTS**

**LEARNINGS**

**CONSEQUENCES**

# SEBS@TECH

- I was a developer, scrum master, coach, team lead trainer and architect over the last 20 years
- I know way to little, but still often way to much
- <3 Typescript and Node Ecosystem
- Recently a lot of Azure Stuff
- First ML course in 2011

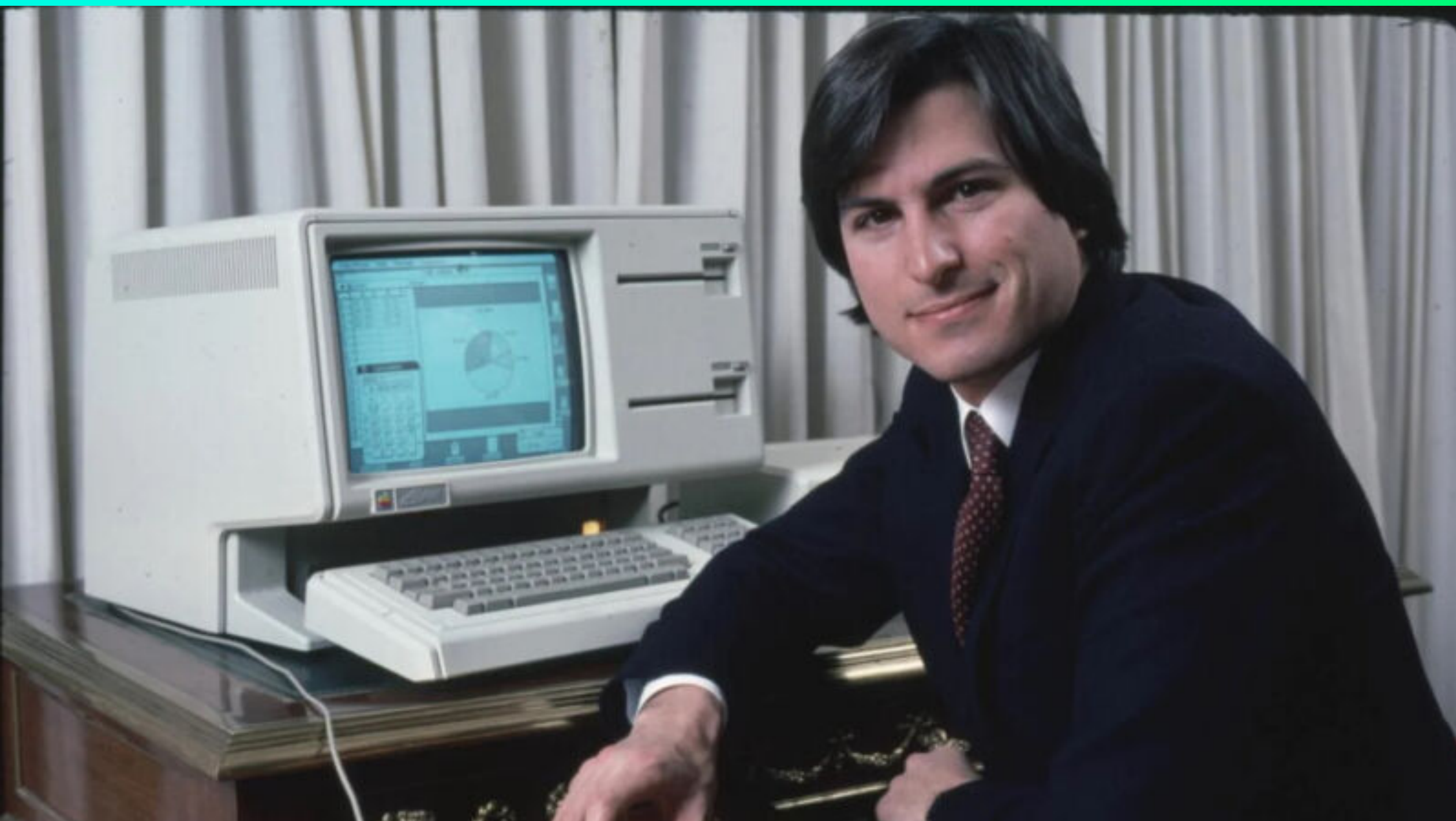


# SEBS@ART

- Music with Mod files and DJing in the 90ies
- Live Video Art (VJ) in the 'Naughties'
- Music Production with Synths Since 2008
- Teached art/design students Javascript
- Some Street Art
- Love all things Graffiti and Tagging



**A DILETTANTE IS AN ENTHUSIAST OF AN ART OR SCIENCE WHO ENGAGES IN IT WITHOUT FORMAL TRAINING AND NOT PROFESSIONALLY. AS AN AMATEUR OR LAYPERSON, THEY PURSUE SOMETHING FOR ITS OWN SAKE, OUT OF INTEREST, PLEASURE, OR PASSION, AND THUS DIFFER FROM A PROFESSIONAL. THEY MAY HAVE ACQUIRED ACCOMPLISHED KNOWLEDGE AND SKILLS; AS LONG AS THEY DO NOT PURSUE THE ACTIVITY PROFESSIONALLY OR FOR THEIR LIVELIHOOD, OR HAVE NOT PASSED A RECOGNIZED RELEVANT EXAMINATION, THEY ARE CONSIDERED DILETTANTES.**





**ALL AI ART IS \*\*\*\***

**WHAT IS ART ANYWAY?**



***ART IS THE ARTWORK  
ITSELF AND THE  
PROCESS OF CREATION***

**SEE: PROCESS ART - DADA**



***...ONLY A FOOL WOULD DENY THAT THE  
MATERIAL EXPRESSION OF ART IS LINEAR:  
ONE THOUGHT CAUSES ANOTHER, AND ALL  
OF A WORK'S INFLUENCES ARE PRESENT IN  
IT, IF NOT NECESSARILY VISIBLE***

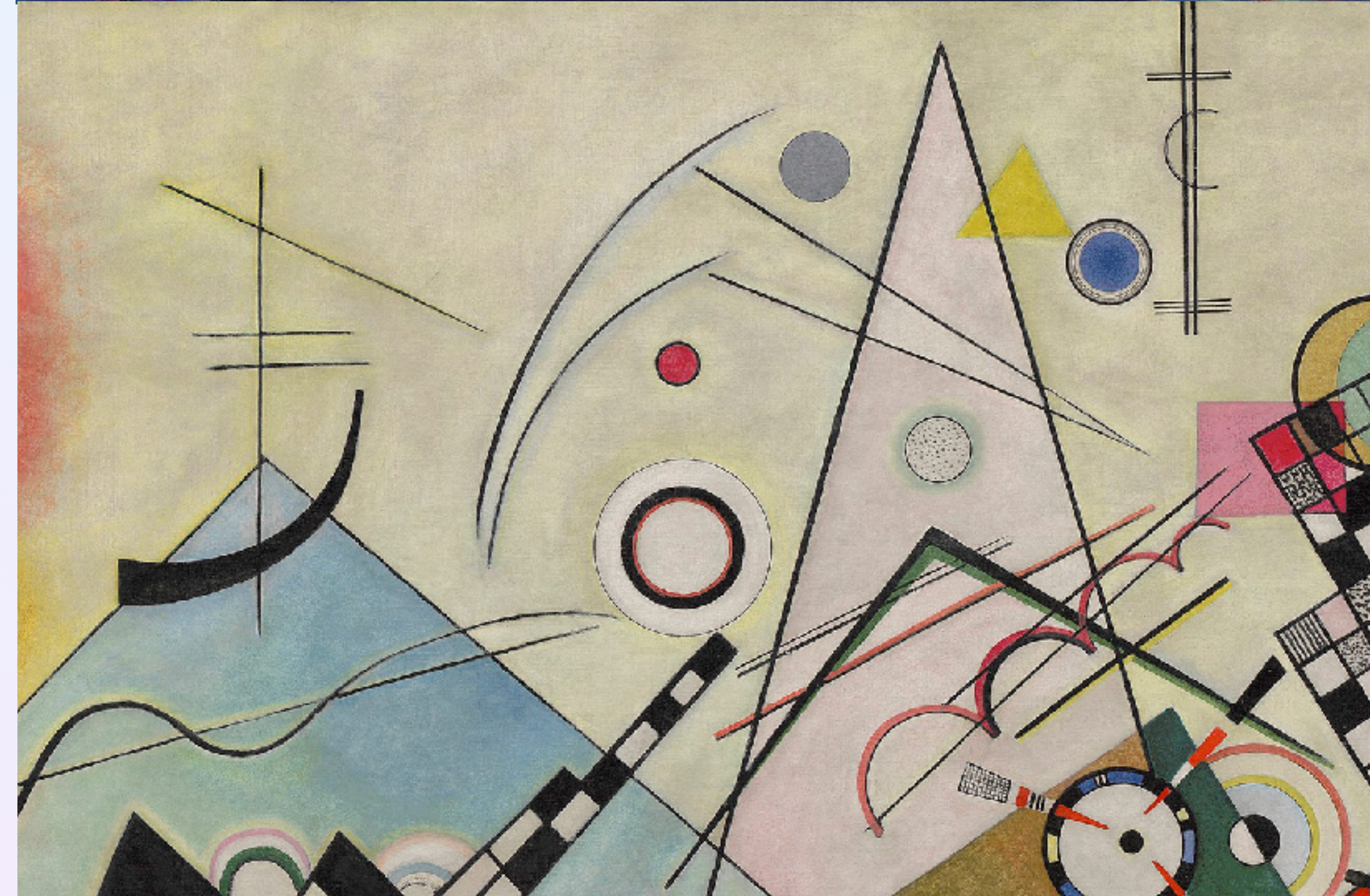
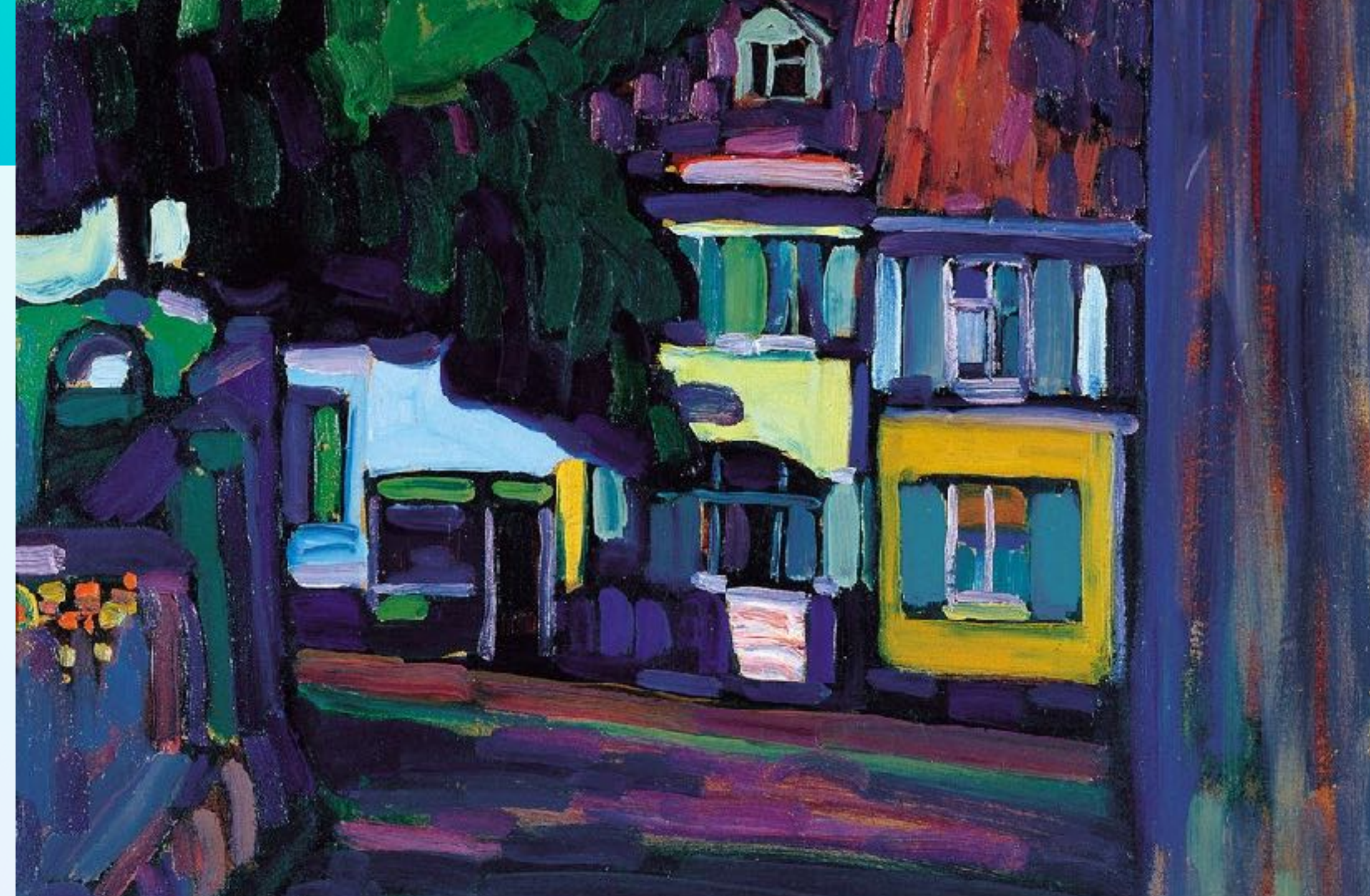
**CASEY TAYLOR**

**AI ART BREAKS THE LINEARITY  
OF ARTISTIC EXPRESSION**

# **BROKEN LINEARITY OF 'AI' ART**

## **LOOKING FOR KAIZEN IN ML TOOLS**

- creating the artwork gives you close to no feedback apart from the generated result
- there is no intent in creating the artworks details, apart from the initial instruction
- the sheer speed of the creation process is not helping with building this linearity either



***AI ART IS FOR DULL PEOPLE. MORE SPECIFICALLY, IT IS FOR THE KIND OF DULL PERSON THAT THINKS HAVING AN IDEA IS THE SAME AS CREATING ART.***

**CASEY TAYLOR**

# AI ART IS DULL

- gen ai creates the most likely (somewhere in the median) result according to its massive dataset of 'all existing art'
- the creator has no influence about the steps in between. A process is turned into an transaction
- it loses its agency in human evolution it had for a very long time: it hardly makes us smarter while creating it





# **EXPERIMENTS**

**EXCEPT TARKOV: WHAT KEEPS ME UP AT NIGHT?**

# RE:BUG - MUSIC RELEASE REVIEWS

Automated music reviews

- **Goal: Create a Electronic version of the music reviews from the de:bug electronic music magazine.**
- **music reviews are dead since soundcloud and digital distribution**
- **test: do humans realise they are reading ML Generated text?**
- **test: does google detect it?**

## Overview

The application follows the

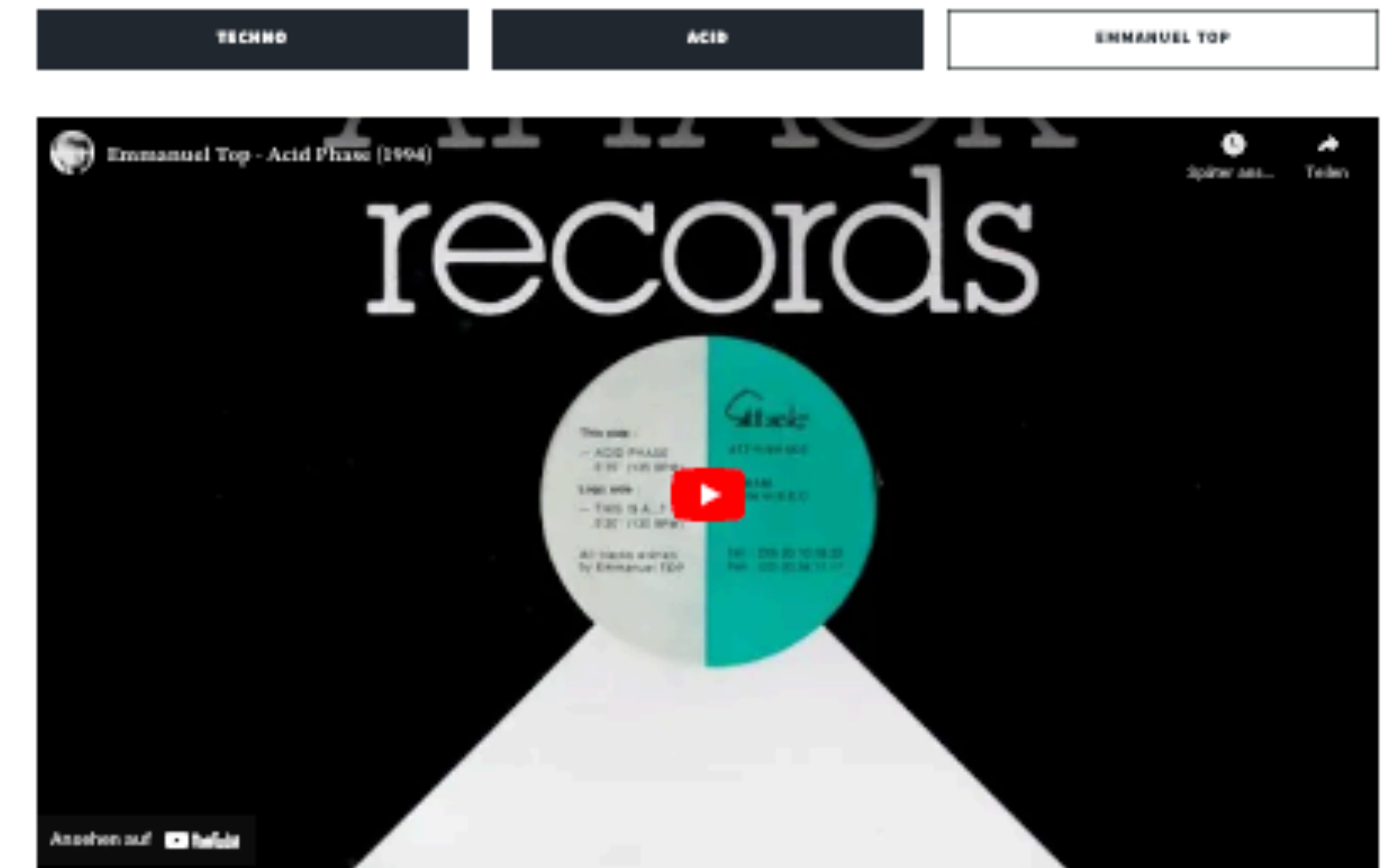
- Fetch release informa
- Fetch artist informatio
- Fetch discography inf
- Create a prompt using
- Generate a release re
- Generate front matter

# LEARNINGS

## AUTOMATED MUSIC REVIEWS

- the original author of the reviews is not to angry about my experiments
- to make this 'good': re-training with all the original reviews and their DISCOGS data is required
- google loves the content (especially in multiple languages and long form)
- music reviews are super dependent on their cultural context and when they were written
- simulating a whole editorial team with different writing styles is possible

## THIS IS A...? / ACID PHASE (EMMANUEL TOP)



As the sun sets on the horizon, casting its warm glow on the landscape of electronic music, we find ourselves traveling back in time to the era when Techno, Trance, Acid, and Electro began weaving their vibrant tapestries. Today, we'll delve into the rich, pulsating world of a timeless record that has left an indelible mark on the electronic music scene. We invite you on this journey through sonic landscapes as we explore Emmanuel Top's groundbreaking release, "This Is A...? / Acid Phase," which first saw the light of day on November 10, 1994, on his very own Attack Records imprint.

As the younger sibling of Jean-François Top, Emmanuel was born into a world of music, destined to make his mark on the industry. Hailing from Tourcoing, France, this enigmatic artist's career has spanned across decades, his influence felt across the globe. His discography boasts an impressive array of releases, each a testimony to his unwavering dedication to producing groundbreaking electronic music. With "This Is A...? / Acid Phase," Emmanuel Top reaffirms his legendary status, delivering an unforgettable experience that still resonates with listeners today.

The first track, "This Is A...?" (5:20), emerges from the shadows, a pulsating entity that breathes life into the atmosphere. The track's rhythm frolics with the listener like an old friend, teasing us with its 130 BPM tempo. The melody wraps itself around our minds, inviting us to let go of our inhibitions and surrender to its hypnotic charm. This auditory enchantress seduces us with its mesmerizing combination of Techno and Trance elements, leaving us wanting more.

# MUSIC VIDEOS

## USE IMAGE AND VIDEO GENERATORS TO VISUALISE MUSIC

- Goal: Create youtube videos for techno music
- Music Videos are an art form, but still lots of efforts to produce
- Experimented with Style GAN on video
- Different experiments on 'video sampling' using machine learning
- Use model hallucinations as 'happy accidents' and for abstract art
- Post production on a Ipad with LumaVision



# LEARNINGS

## MUSIC VIDEOS

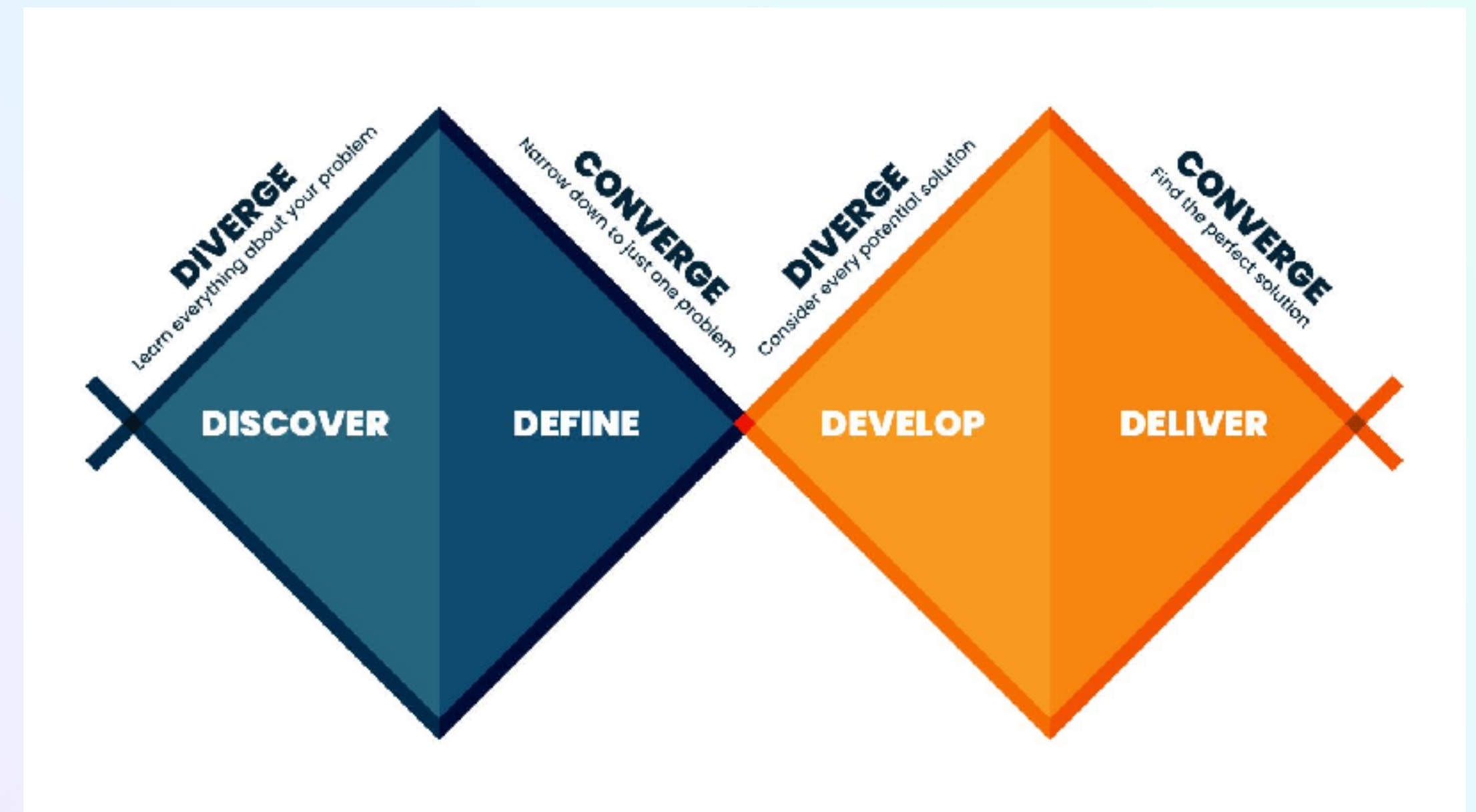
- There is a new copyright discussion around the corner
- Randomness in models and hallucinations are a great feature here
- 4K Content needs more work
- I need to learn about video post production (colouring and hues)



# DESIGN THINKING GPT

use design thinking to get funding for a open source project

- **Goal: Let a LLM Help me with converging and diverging processes of design thinking**
- **Assisted with Persona Creation, User Interviews, Stakeholder Analysis, SWOT Analysis, Competitor Analysis**
- **Created a timeline and project plan with ChatGPT**



# LEARNINGS

## DESIGN THINKING USING ML

- Mind bending speed to get all this done
- The results were a bit 'bland'. They contain the basics and need surely a lot of work in details.
- Needs checking before going into converging process
- Hallucinating ML models can be cool here (happy accidents)
- I saw startups getting funded with much much less 'theory crafting'
- Helped me pivot the project to multi-language and multiple countries
- Notion.ai is a great note taking tool. App Flowy still has a lot of features missing this tool has

## Personas

- Sarah is a 35-year-old teacher who lives in Paris. She is interested in education policies and wants to keep track of political developments that could affect her profession. She is looking for a platform that can provide her with reliable information about these issues.

## Competitor Analysis

Website	Audience Size	Number of Editors	URL
<a href="https://www.politico.eu/">Politico.eu</a>	1.5 million monthly visitors	100+	<a href="https://www.politico.eu/">https://www.politico.eu/</a>
<a href="https://www.euractiv.com/">Euractiv.com</a>	1.6 million monthly visitors	50+	<a href="https://www.euractiv.com/">https://www.euractiv.com/</a>
The Local Germany	1.2 million monthly visitors	10+	<a href="https://www.thelocal.de/">https://www.thelocal.de/</a>
Deutsche Welle	1.2 million monthly visitors	100+	<a href="https://www.dw.com/en/top-stories/s-9097">https://www.dw.com/en/top-stories/s-9097</a>
The Guardian	23.5 million monthly	1000+	<a href="https://www.theguardian.co">https://www.theguardian.co</a>

## SWOT Analysis

### Strengths

- The platform will provide a centralized source of information about European political institutions.
- The platform will use algorithms to aggregate and present information in a manner.
- The platform will promote greater transparency and accountability in Europe empowering citizens to engage more actively and effectively with political is



# THE PROCESS BOOK

## Don't use the A-Word

- **Goal: Describe project organisation make it accessible by using 'Simple Language'**
- **use chat gpt to create the text**
- **see how far 80 Hours can get me**

[Introduction](#)[Implementation Guidelines](#)[GLOSSARY](#)[Affinity Mapping](#)[Acceptance Tests](#)[Artifact](#)[Burn Down Chart](#)[Cadence](#)[Change Request](#)[Continuous Improvement](#)[Cross Functional Team](#)[Definition of Ready](#)[Estimation](#)[Ensemble Programming](#)

# LEARNINGS

## DON'T USE THE A-WORD

- Text does not only need to be coherent, but well written
- Hard to get the machine saying things about software development process without using the A\* word
- Compared to the C2 Wiki (The Extreme Programming Wiki) content was bland and filled with marketing speak

## Estimation

Software project estimation is the process of predicting the most realistic and duration required to develop or maintain a software system. Accurate estimation is a key component of project management, as it allows for the creation of realistic project plans, resource allocation, and budget management. There are a variety of techniques that can be used for estimation, each with its own strengths and weaknesses. In this essay, we will explore various estimation techniques and discuss their origins and how they can be used in software development.

## Ensemble Programming

Ensemble Programming (alternative Mob programming) is a software development approach where the entire development team works together on a single task, at a single time. In ensemble programming, the team collaborates to write code, review code, test code, and deploy code. The goal of completing the task. Mob programming is a form of extreme programming.

## User Story

A user story is a technique used in software development to capture requirements from the end-user's perspective. It is a simple, concise and informal way of describing a feature of a software system. User stories are written in the format of "As a [user], I want [feature] so that [benefit]" and they focus on the value that a feature will bring to the user.

User stories are used to capture requirements in an environment that is constantly evolving and changing. They are written from the perspective of the user, so that the feature will bring to the user. This makes it easy for users to understand and communicate their requirements.

# THE IOT SECURITY BOOK

## HOW FAST CAN YOU CREATE LONG FORM CONTENT

- **Goal:** Try writing a general book with a companion workshop on the topic of Azure IOT Security in a bunch of days while 'moonshining'
- **Used ChatGPT** again to create the text body
- **Let ChatGPT** lead in topic selection and tone
- **Let chat GPT** decide most of the contents

### Chapter 2: Establishing a Robust Security Foundation

1. Defense-in-depth strategy: A multi-layered security approach is crucial for protecting IoT devices and systems. Implementing security controls at various levels, including device hardware, operating systems, applications, and network connections, helps minimize potential attack vectors and provides redundancy in case one security layer is compromised.
2. Secure device identity: Ensuring the integrity of device identities is essential for authenticating devices and establishing secure communication channels. Utilize Azure IoT Hub Device Provisioning Service (DPS) to securely provision and register devices, and implement hardware-based security solutions, such as Azure Sphere or hardware security modules (HSMs), for robust device identity protection.
3. Regular updates and patching: Regularly update and patch IoT devices, applications, and firmware to address security vulnerabilities and stay up-to-date with the latest security enhancements. Utilize Azure IoT Hub's automatic device management features to deploy updates and patches seamlessly across your IoT ecosystem.

### Chapter 3: Enhancing Data Privacy and Security

1. Data encryption: Encrypt data both at rest and in transit to safeguard sensitive information from unauthorized access. Utilize industry-standard encryption protocols, such as TLS for data in transit, and Azure Storage Service Encryption (SSE) for data at rest.
2. Access control: Implement role-based access control (RBAC) to restrict access to IoT resources based on user roles and responsibilities. Utilize Azure Active Directory (AD) for identity and access management and apply the principle of least privilege to minimize the potential impact of compromised credentials.
3. Data retention policies: Define and enforce data retention policies for your IoT ecosystem to prevent the storage of unnecessary or outdated information. Regularly review and delete

# LEARNINGS

## IOT SECURITY BOOK

- Produced a lot of boring content. Sounded like the first 2 google result pages on the topic
- Learned about the infrastructure needed for ML assisted writing
- GPT needs a lot of corrections by quillbot
- The whole dataset in terms of it security contents seems to be very 'linked in heavy'.
- Deleting results is great

## Session Plan

### Session Plan:

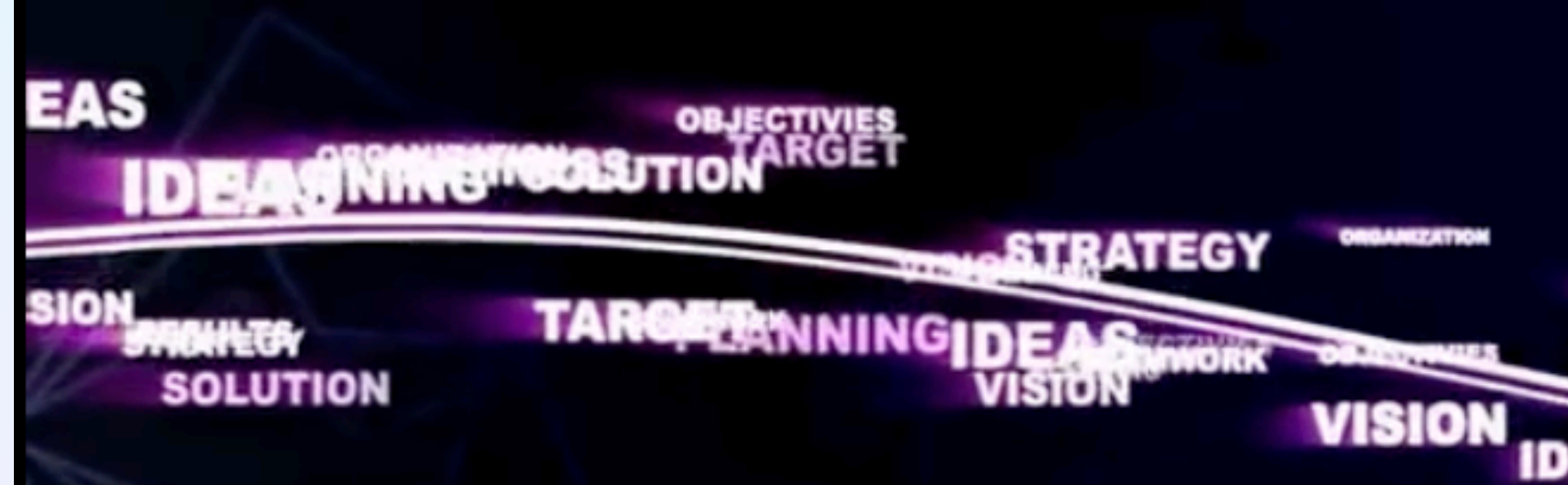
1. Introduction to Azure IoT Security (Duration: 1 hour)
  - Overview of the workshop
  - Introduction to the 4Cs Map and TBR activities
  - Setting expectations and learning objectives
  - Importance of IoT security
  - Challenges in securing IoT devices and solutions
  - Overview of Azure IoT SecurityActivity: Mind Maps (C1 - Connections)
2. Certificates in Azure IoT Security (Duration: 1.5 hours)
  - Role of certificates in IoT security
  - + :: • Types of certificates used in Azure IoT Security
  - Certificate management best practicesActivity: Jigsaw Activities (C2 - Concepts)
3. Provisioning in Azure IoT Security (Duration: 1.5 hours)
  - Device provisioning process
  - Device Provisioning Service (DPS)
  - Secure device provisioning best practicesActivity: Role Plays (C3 - Concrete Practice)
4. Azure IoT Security-related Services (Duration: 1.5 hours)
  - Azure IoT Hub
  - Azure Sphere
  - Azure Security Center for IoT
  - Azure Defender for IoTActivity: Case Studies (C4 - Conclusions)
5. Best Practices and Recommendations (Duration: 1 hour)
  - General Azure IoT Security best practices
  - Real world examples and case studies

VIDEO MADE WITH  
**PICTORY.AI**

# AUTOMATED EXPLAINER VIDEOS

USE A TEXT LONG FORM INPUT TO CREATE A EXPLAINER VIDEO USING STOCK FOOTAGE

- **Goal:** From a long form text (ca 1500 words) create a summary as video explainer
- **Summary:** chat gpt, **Script:** Chat GPT, **Script2Video:** Pictory



By following the PDCA cycle  
improve their processes and

to a

# LEARNINGS

## AUTOMATED EXPLAINER VIDEOS

- Very boring results as creating a good script from content is an Artform in itself
- Voicing is good for putting people to sleep
- Footage has not much consistency
- lots of potential applying 'style transfer'
- the world most likely has enough of this type of content

These artifacts can include re  
source code, binary code, te  
technical documentation, r  
execut

# DON'T SCHOPENHAUER ME!

USE GEN AI TO DETECT TOXIC DISCUSSION STRATEGIES AND MALICIOUS ARGUMENTS

- The way political discussion are held in talkshows has made its way to social media.
- Schopenhauers 'The art of being right' is used in many cases to 'win the argument' but not adding to the discussion (owning the libs, Taubenschach)
- These methods are used by Climate Change Deniers, AntiVaxxers, Toxic Content Creators and the Far-Right
- I wanted to build a detector

February 21, 2023

## We stand to save \$7m over five years from our cloud exit

Since declaring [our intention to leave the cloud](#) in October, we've been busy at work making it so. After a brief detour down [a blind alley with an enterprise Kubernetes provider](#), we found our stride building our own tools, and successfully moved the first small application out of the cloud a few weeks ago. Now our sights are set on a total cloud exit by the end of the Summer, and by our preliminary calculations, we stand to save about \$7m in server expenses over five years from doing so. Without changing the size of our ops team.

The rough math goes like this: [We spent \\$3.2m on cloud in 2022](#). Just under a million of that was on storing 8 petabytes of files in S3, fully replicated across several regions. So that leaves ~\$2.3m on everything else: app servers, cache servers, database servers, search servers, the works. That's the part of the budget we intend to bring to zero in 2023. Then we'll worry about exiting the 8PB from S3 in 2024.

After much deliberation, many benchmarks, and much aweing at the speed of AMD's new Zen4 chips combined with Gen 4 NVMe drives, we're almost ready to place our monster order with Dell. Somewhere in the region of \$600,000. We're still fine-tuning exactly what configurations we need, but whether we end up ordering 8 machines running dual 64-core CPUs (for a total of 256 vCPUs per box!) in each data center or 14 machines running single-socket CPUs at a higher clock frequency doesn't really matter to the overall math. We need to add about 2,000 vCPU per data center, and we run in two data centers, so 4,000 vCPUs for

# LEARNINGS

## DON'T SCHOPENHAUER ME!

- Tool was highly effective in some cases
- ChatGPT got really bad at doing this over time
- Has saved me lots of hours not engaging in useless debate
- Constant feedback made me better at spotting these rhetoric tricks



Sebastian Schürmann · Sie

Three abilities are the foundation of craftsmanship: to local

1 Jahr · 🌐

There are no explicit logical fallacies in the argument presented. There are some assumptions made that might not hold true in all cases.

1. False Dilemma: The argument assumes that the only two options are using cloud services or owning and operating their own servers. There are other options such as using hybrid cloud or colocation.

2. Confirmation Bias: The argument presents only one side of the coin by highlighting the potential cost savings of owning and operating their own servers. It does not consider the potential drawbacks of this approach, such as the need for additional staff to manage the servers, the cost of electricity, the cost of upgrades, and the potential for downtime.

3. Hasty Generalization: The argument assumes that the savings achieved by moving away from cloud services will be applicable to all mid-sized SaaS businesses. This assumption might not hold true for all businesses, as each business has its own unique set of requirements and circumstances.

<https://lnkd.in/eB8fSrNi>



96.358 Impressions

re \$7m over five years

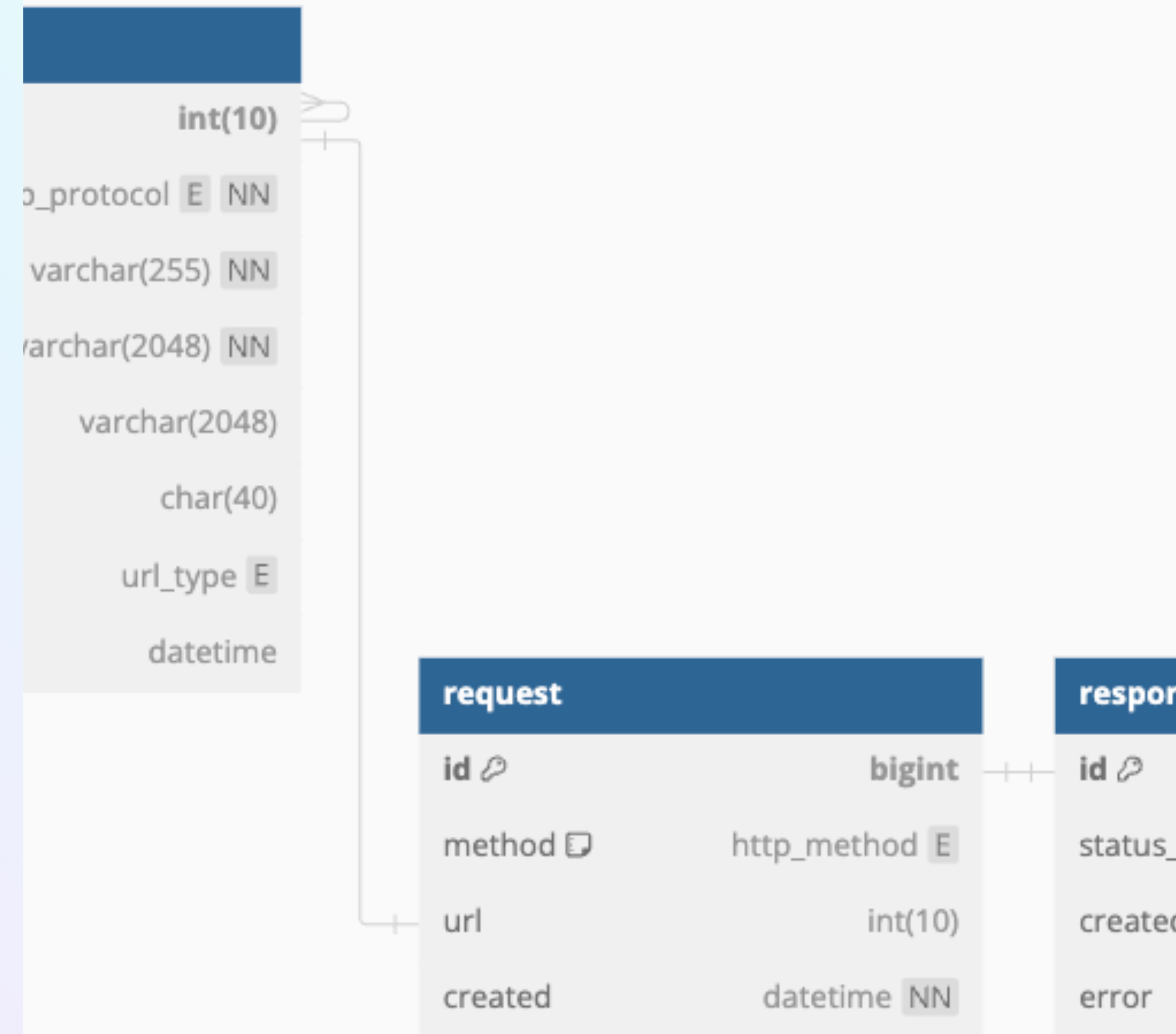


world.hey.com · Lesedauer: 3 Min.

# DATABASE SCHEMA DISCUSSION WITH CHATGPT

Database (de-)normalisation for 200 million records

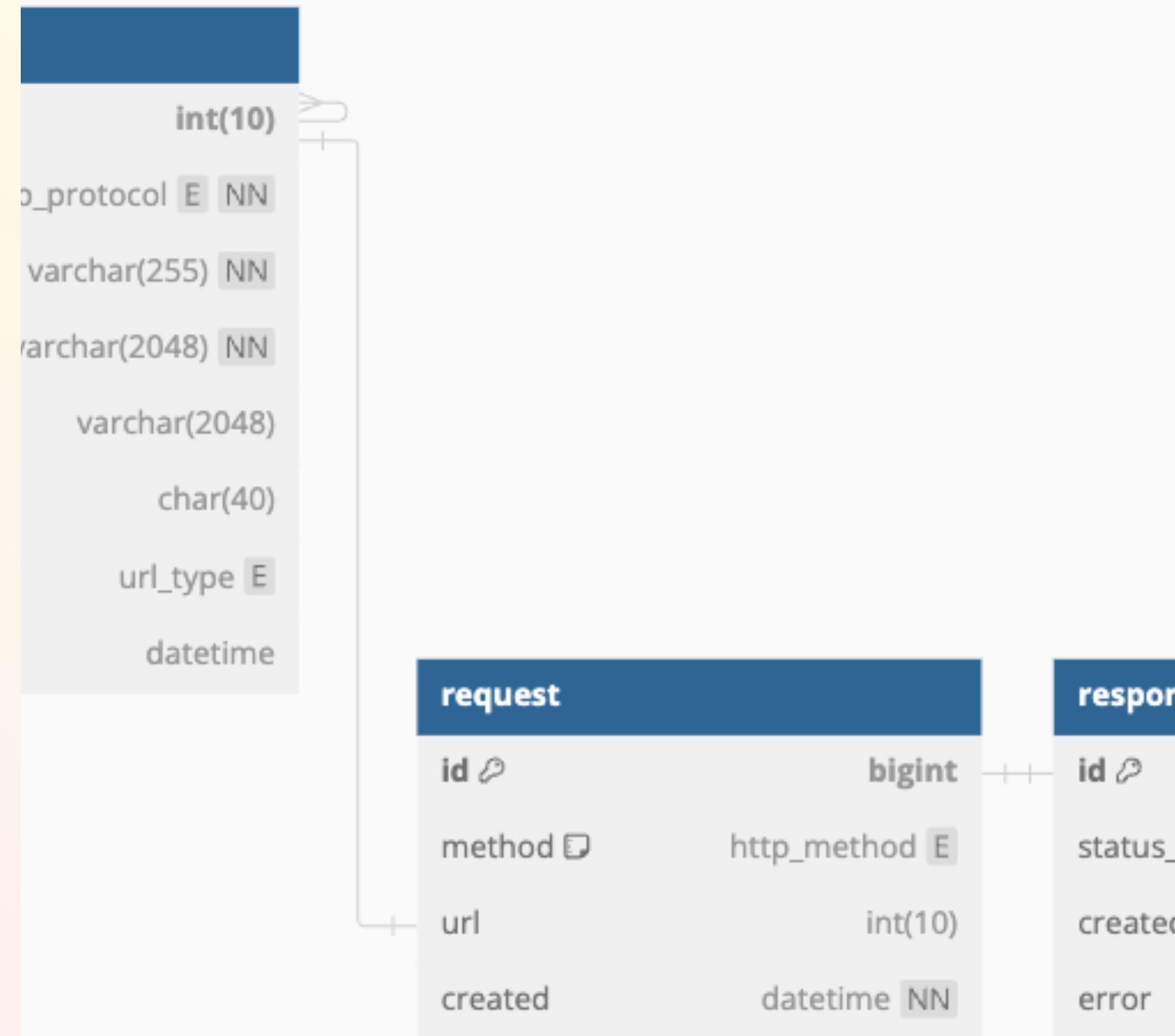
- Goal: Use LLM as a 'rubber duck' to discuss the pros and cons of a database de-normalisation strategies on a clearly defined problem.
- Several RFCs are relevant to this topic
- got ChatGPT to output me DBML schema code
- development setup to test the results



# LEARNINGS

## DATABASE (DE-)NORMALISATION FOR 200 MILLION RECORDS

- There are certain limits what ChatGPT knows without extra data and information added. It normalises the data well, but only to a specific point.
- It shows it does not KNOW the pros and cons, but only reads the most likely from its training data.
- Nobody normalises databases these days, so ChatGPT seems to tend towards this too.
- The validation part is hard as there is no tool yet to generate the relatively complex code for an implementation.
- Was a better discussion partner than most humans I talked to about this over the last years. Humans got super lazy regarding normalisation because compute and storage is so cheap.
- Still not creative enough



# IMPLEMENT API CLIENT

Have a field-day with codepilot et al.

- refactor a typescript project I already started in 2013. A simple rest api client

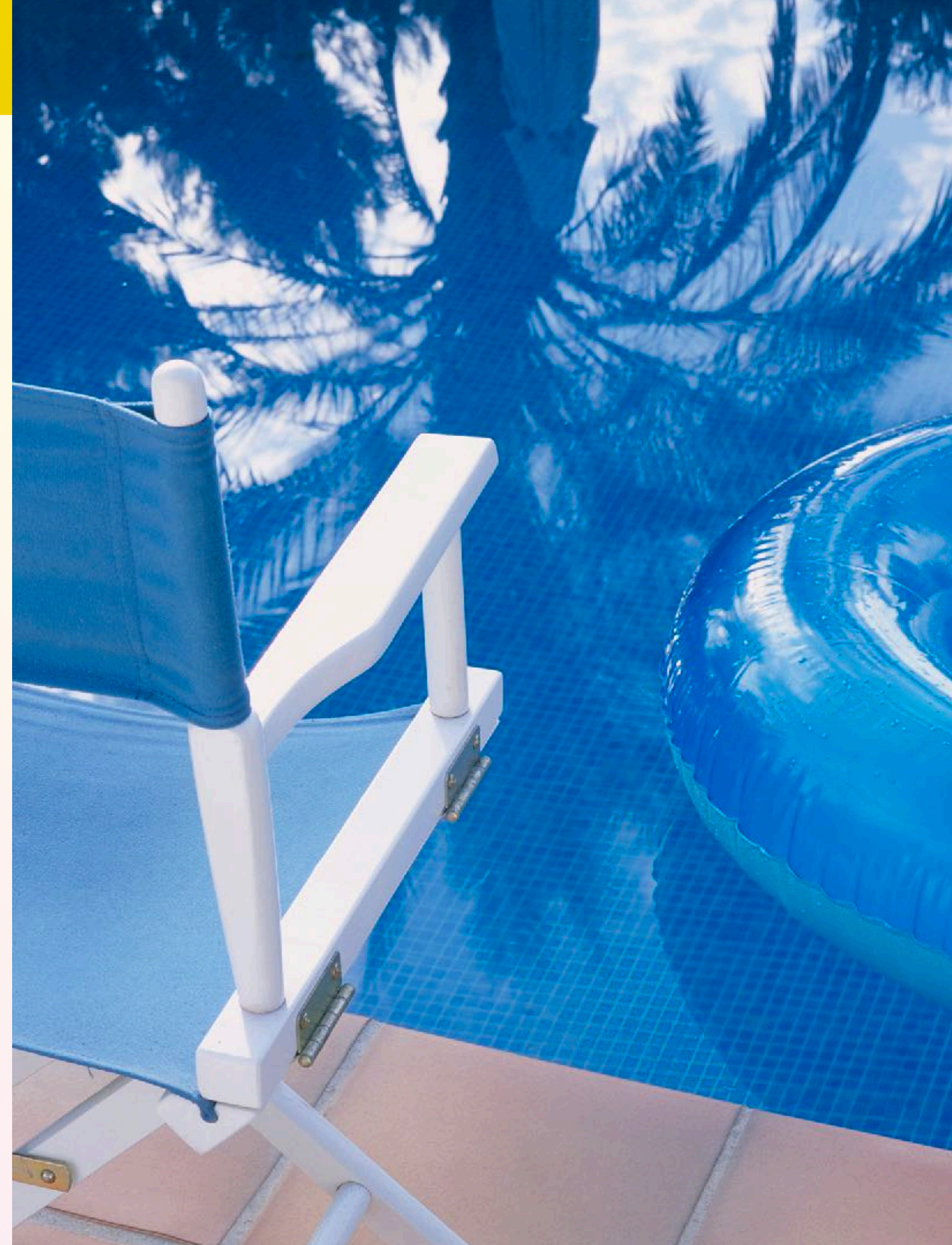
- check out code assist tools with a pretty standard case, but specific expectations

```
import * as request from 'request-promise-native'
import { Address } from '../entities/Address'
import { ApiKey } from '../entities/Apikey'
import { IClientAccountBalanceMultiRequest } from '../interfaces/Account'
import { requestBuilder } from '../requestBuilder'
import { ClientBase } from './ClientBase'
/**
 * Client for the account balance
 */
export class ClientAccountBalanceMulti extends ClientBase implements IClientAccountBalanceMultiRequest {
  /**
   * Api key to send with the request
   */
  apiKey: ApiKey
  /**
   * Address to lookup the account balance
   */
  address: Address[]
  /**
   * module of the etherscan api to request
   */
  module: string
  /**
   * action of the etherscan api to request
   */
  action: string
  /**
   * tag to limit the results
   */
  tag: string
```

# LEARNINGS

HAVE A FIELD-DAY WITH CODEPILOT ET AL.

- Codepilot was the 'best' so far
- Needs tickling not to use only mainstream patterns
- Helps create code fast. **This is a problem** of cognition and the ability to process and judge much more information than before
- Is missing feedback in nearly all instances I tested
- UX??????? I want to talk about software





# **LEARNINGS**

**LEVEL UP!**

***NO SERVICE OR PROMPT  
GENERATED 'EXCELLENT'  
CONTENT OUT OF THE BOX***

***GENERATIVE CONTENT HAS A  
TENDENCY TO GET DULL AND  
BIAS IS ONE OF THE REASONS***

***THE NEED TO BE ABLE TO  
JUDGE THE RESULT***

***DOING EFFECTIVE WORK  
WITH GEN AI TOOLS LEADS  
TO A SPECIFIC FATIGUE***

***IGNORING THE  
'GATEKEEPERS' KEPT ME  
PRODUCTIVE***

# ***THE "AI SCAM"***

**I DO AGREE WITH CHARLIE STROSS**

# BLOCKCHAIN 2 AI TIMELINE

ACCORDING TO C. STROSS

1. Nvidia makes graphics cards (GPUs) that are essentially very fast numerical supercomputers.
2. Bitcoin/blockchain happened. To "earn" BtC you have to crunch lots of numbers as fast as possible.
3. People bought so many GPU cards that there was a global shortage ...

BUSINESS, GLOBAL, STUDENT REPORTER, TECHNOLOGY

## Pandemic Effects on the Graphics Card Market



Seungmin Cho

September 29, 2022



3.065,63 EUR

+ Folgen

+2.920,97 (2.019,18 %) ↑ in den letzten 5 Jahren

4. Apr., 22:02 UTC · Haftungsausschluss

1 T. | 5 T. | 1 M. | 6 M. | YTD | 1 J. | 5 J. | Max.

164,91 15. Nov. 2019



# BLOCKCHAIN 2 AI TIMELINE

4. A LOT of finance grifters latched onto BtC and sold the idea of cryptocurrency as a Make Money Fast scam to the gullible.
5. Pigeons come home to roost and shit everywhere; see Sam Bankman-Fraud's excellent 25 year prison sentence this week
6. The confidence bubble in cryptocurrency popped in 2022, and GPU sales plateau'd. How to keep selling them ...?

The blockchain risk monitoring firm Solidus Labs released the 2022 Rug Pull report. The report claimed since September 2020, nearly two million investors have been scammed. As of 1 December 2022, 117,629 token scams were carried out in 2022, noted the report.



Binance

<https://www.binance.com> > square > post

[2022 Rug Pull Report: 350 Crypto Scam Tokens Developed ...](#)

## 25 years

Sam Bankman-Fried has been sentenced to 25 years in federal prison for defrauding customers and investors in his failed crypto exchange FTX, a Manhattan court ruled Thursday. 28.03.2024

CNN

# BLOCKCHAIN 2 AI TIMELINE


ACCORDING TO CHARLIE STROSS

8. At the same time, COVID19 triggered (a) work-from-home everywhere, and (b) a labour shortage (due to death and disability). Upward pressure on wages, downward pressure on commercial rents = real estate investors in turmoil.


9. We've seen the get-back-in-the-office and anti-union backlash ...

10. All this stuff led to a rise in interest rates. So VCs try to cash out their investments ASAP. LOTS of pressure to deliver big share dividends.



 **Work Chronicles is a webcomic about work.**  
Follow for more. Find us on IG, Twitter, LinkedIn, Reddit.

 **Work Chronicles**  
workchronicles.com

 Inc.com

**VC Funding in 2024: High-Profile Departures, Layoffs, and a Glut of Investors Struggling to Generate Returns | Inc.com**

Last December, the outlook for venture capital felt grim. Compared to the flush days of 2021, startups were looking at a much drier funding...

26.01.2024



# BLOCKCHAIN 2 AI TIMELINE

## ACCORDING TO CHARLIE STROSS

11. AI/LLMs offer corporations a big stick to beat on work force militancy. It doesn't matter if it works or not, merely that it looks frightening.

12. The point is, LLMs are a short-term response by capital to scarce/expensive labour and worker wage inflation.

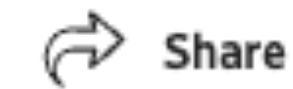
13. And LLMs have a cult-like secular religion around them, the TESCREAL i\*\*\*\* who believe in the AI Singularity. It mimics evangelical christian patterns.

# Tech Layoffs Just Keep Coming as Sector Resets for AI

DocuSign is latest to cut jobs after years of industry spending and growth without constraint

By Sarah E. Needleman [Follow](#)

Updated Feb. 6, 2024 5:34 pm ET



replaced by ai

Alle Bilder News Videos Jobwebsites : Mehr

Jobtyp

Veröffentlicht

Which jobs will be

Will developers be

Ungefähr 1.330.000.000 Ergebnisse (0,38 Sekunden)

Unmudl

Post



Beff Jezos — e/acc   
@BasedBeffJezos

Abonnieren

If your product isn't amenable to spontaneously producing a cult it's probably not impactful enough

[Post übersetzen](#)

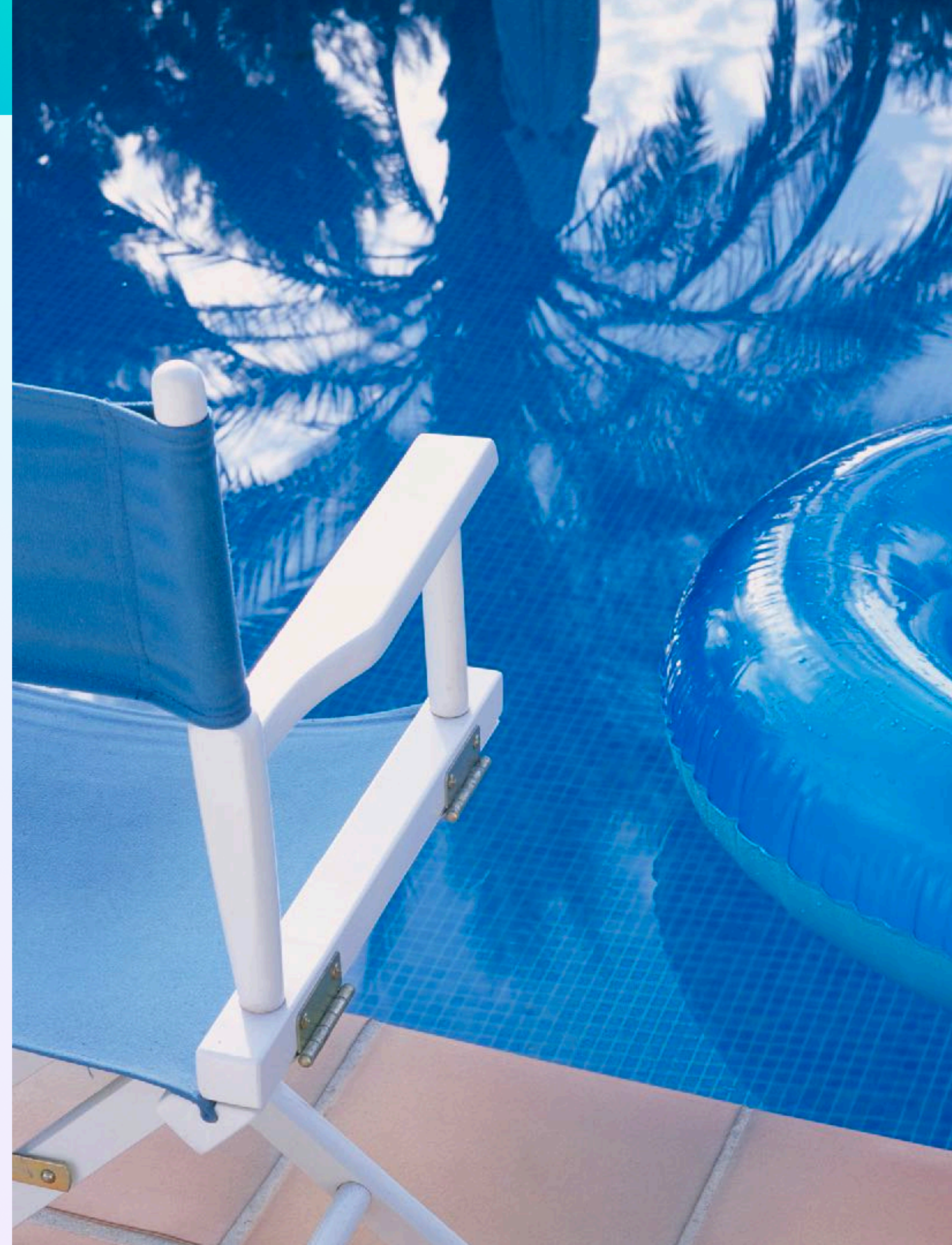
6:18 vorm. · 22. Jan. 2024 · 46.852 Mal angezeigt

# **BLOCKCHAIN 2 AI TIMELINE**

**ACCORDING TO CHARLIE STROSS**

**14. So you've got rapacious business interests pushing AI from one direction, and singularity shaggers making wildly overblown claims for its efficacy from the other.**

**15. And behind the scenes? AMD and Nvidia are selling GPUs so hard their power consumption is threatening to affect the climate.**



***RATE OF INNOVATION IS  
JUST TOO HIGH***

***NEED TO IMPROVE MY ABILITIES  
INSTEAD OF COVERING THE  
LACK THERE OF***

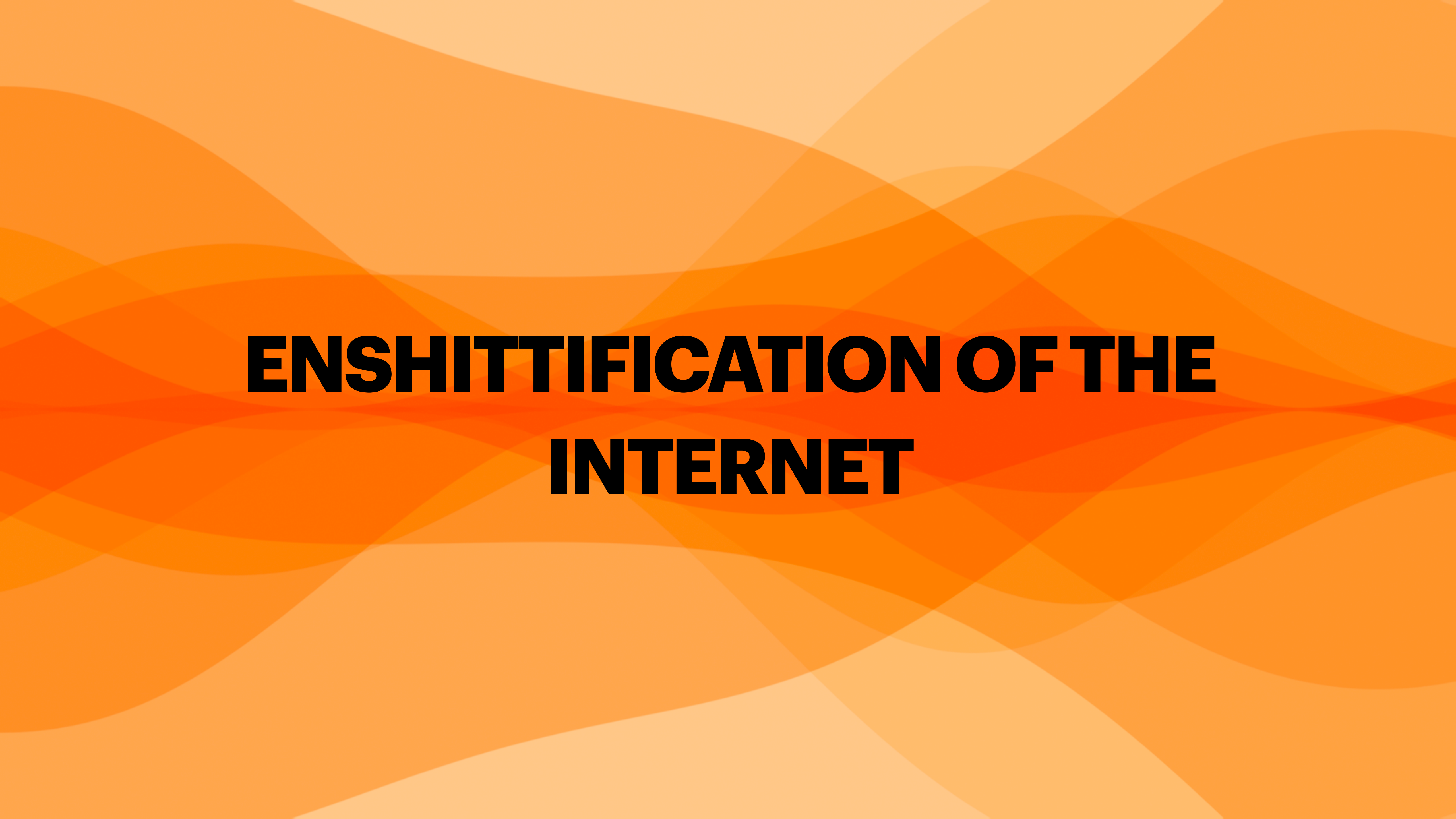
***FEEDBACK BESIDES THE  
RESULT IS A KEY ELEMENT TO  
KEEP THE WETWARE UPDATED***

***I NEED A 4090***



# **CONSEQUENCES FOR 'GEN AI' ASSISTED DEVELOPMENT**

**THE ART OF CREATING THINGS**



# **ENSHITTIFICATION OF THE INTERNET**

**MORE OF OUR CULTURE IS EMBODIED  
IN SOFTWARE INSTEAD OF WETWARE**

**HARD REQUIREMENT:  
KEEP THE LEARNING LOOP ALIVE  
IN ALL TOOLS CREATED AND USED**



**WE NEED TO MEASURE AND TALK  
ABOUT THE AUTOMATION DIVIDEND**

# **RISE OF THE SMALL TEAMS**

**ALL AI ART IS \*\*\*\* AND THE CONSEQUENCES  
FOR GEN AI ENHANCED SOFTWARE  
DEVELOPMENT  
- QUESTIONS?**

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