



AU10TIX Report on Identity Fraud

Amy Lurie
September 2024

Inception Q2 2023

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Last Report Update

Total Activity

Conflict % share in Activity

Repetition % share in Activity

Attack % share in Activity

Env

pr stg

Date

1/1/2024 6/30/2024

Customer

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Country

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Document Type

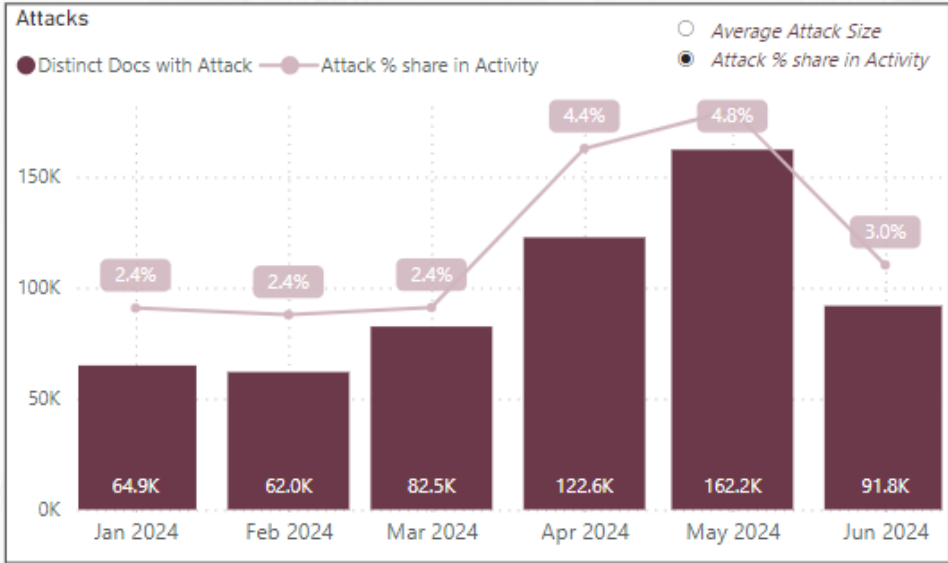
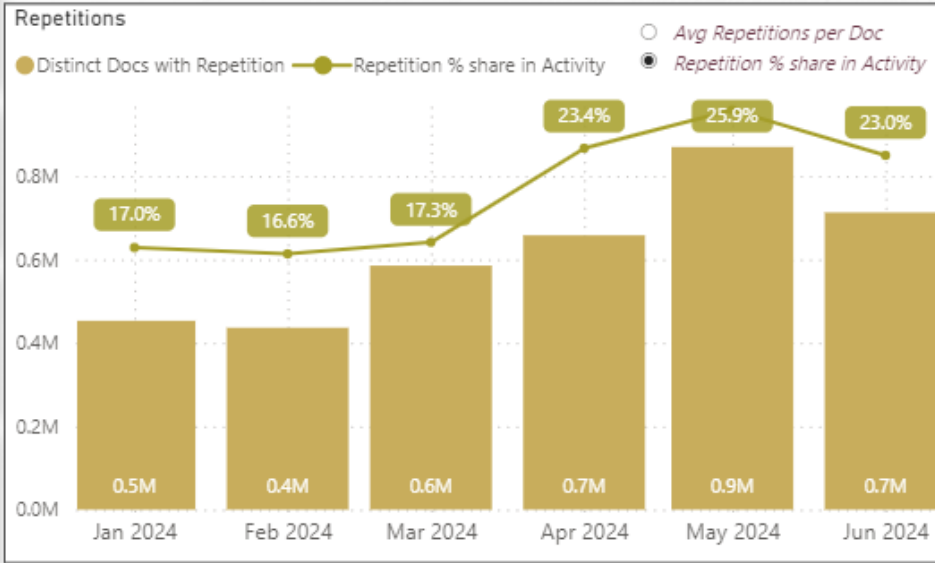
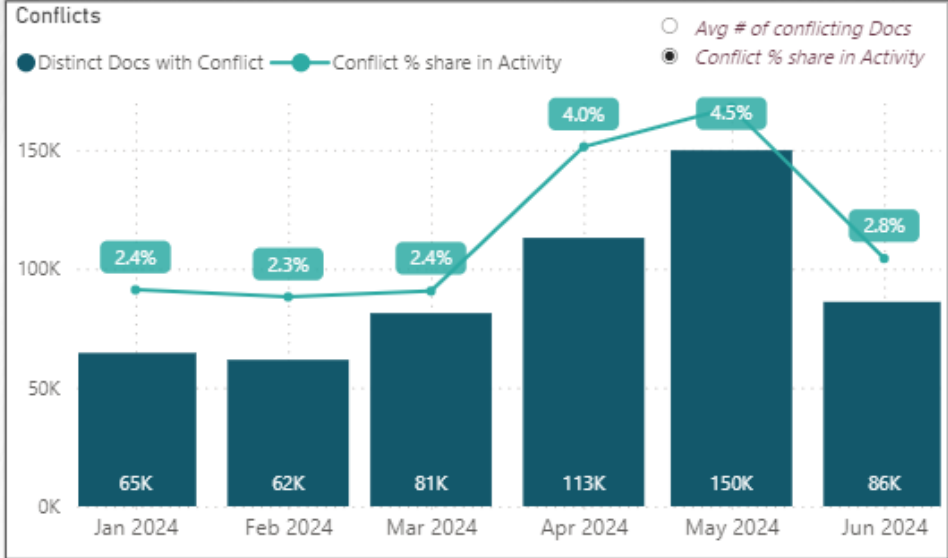
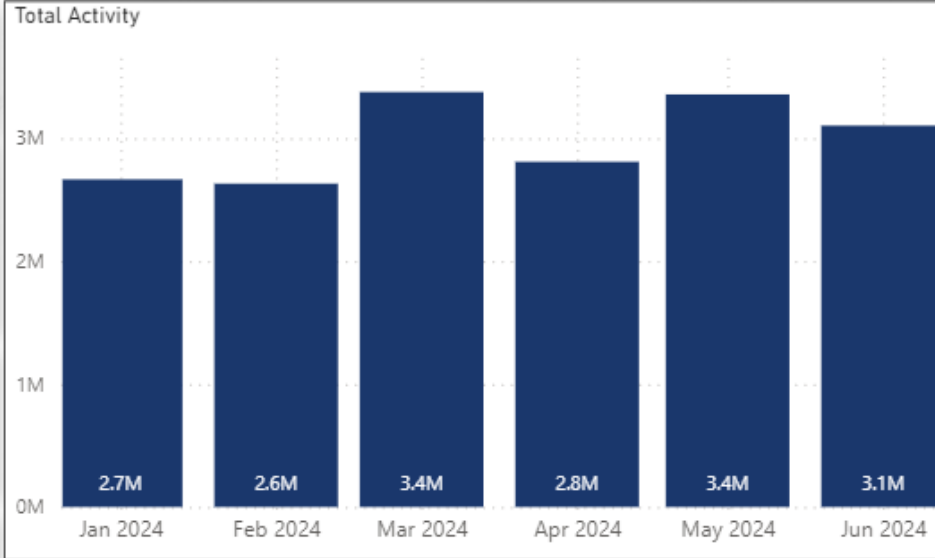
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Q2

**IMPERSONATION
BOTS**
are the new deepfake

32%
of all internet traffic is
malicious bot driven

* IMPERVA BAD BOT REPORT, 2024

Share of fraudulent attempts in
Social Media increased close to

3X

17%

decrease in Payments
industry attacks since
INTERPOL bust

2024

We started back in Q2 2023 with some trends and a challenge

- Introduced the concept of “Organized Fraud”
- Demonstrated prevalence of fraud attacks against Payments and Crypto
- Demonstrated the effectiveness of selfies and liveness detection
- Set a benchmark for future reports
- Established the premise of identity fraud becoming more and more automated

SPOTLIGHT ON HIDDEN GEOGRAPHICAL AND INDUSTRY TRENDS

Are you ready to face the future of **AI-generated fraud**?

The integration of Gen AI and intelligent malware is elevating the efficacy of malicious actors, introducing a higher degree of automation, and amplifying the independence of attacks. Concurrently, this advancement substantially bolsters the toolkit available to both attackers and defenders.

AUIOTIX's [Serial Fraud Monitor](#) has detected telltale signs of escalating organized criminal activity. The patterns identified by this proprietary tool distinctly differentiate between sophisticated, professional fraud and more amateurish attempts, providing crucial insight into the evolving nature of fraudulent activities at a traffic level.

“

AUIOTIX recognized the role of Generative AI on identity fraud and is utilizing advanced recognition algorithms to detect synthetic content.”

Ron Atzmon, Active Chairman, AUIOTIX

The Report confirmed our baselines and made some news

Serial Fraud Monitor caught **675** variants of the same ID in **1 day**

Fraudsters respond to **regulatory crackdowns**

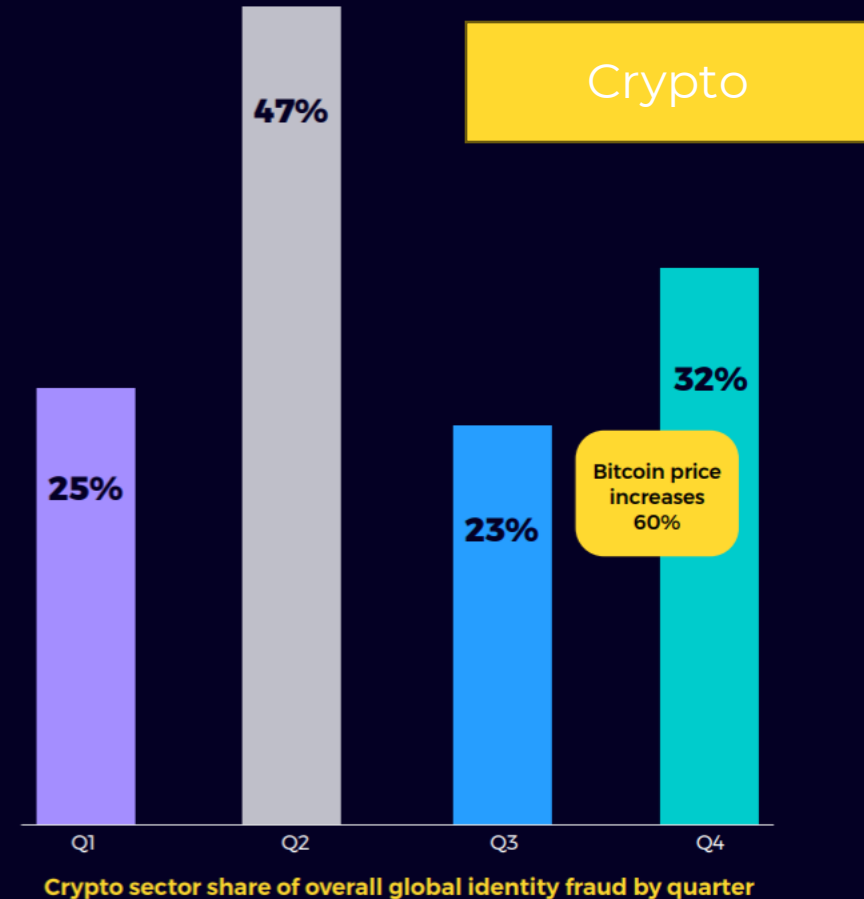
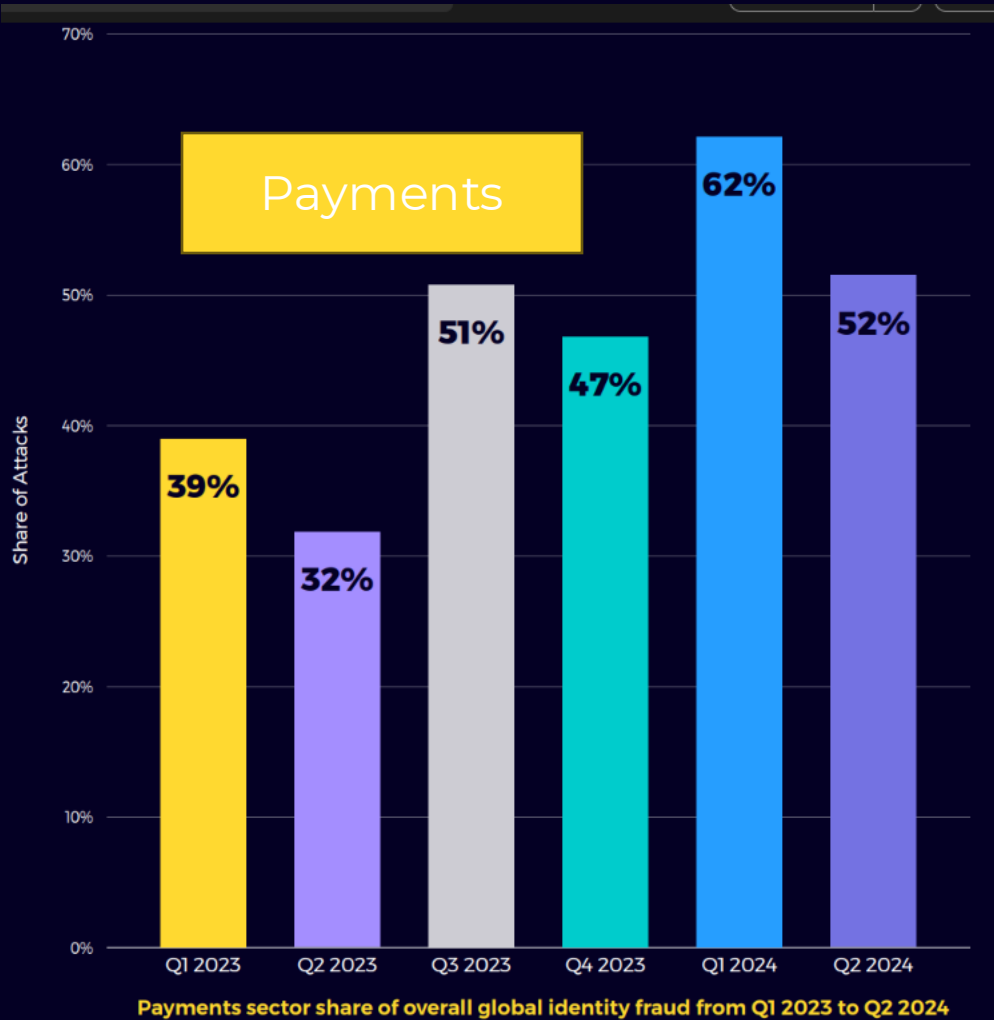
51% Less fraud in the crypto sector

56% More fraud in the payments sector

IDV with selfie is a MUST-HAVE

We know from the data that...

Fraudsters are opportunistic; when one industry closes the door they find another wide open



We know from the data that...

“Mega” identity fraud attacks emerged last year in two distinct patterns of vastly different proportions.

The sudden burst

A mega-attack on the payments sector involved over

22,000 IDs

with 50% of them penetrating over a short duration, usually 2-3 weeks.

The slow burn

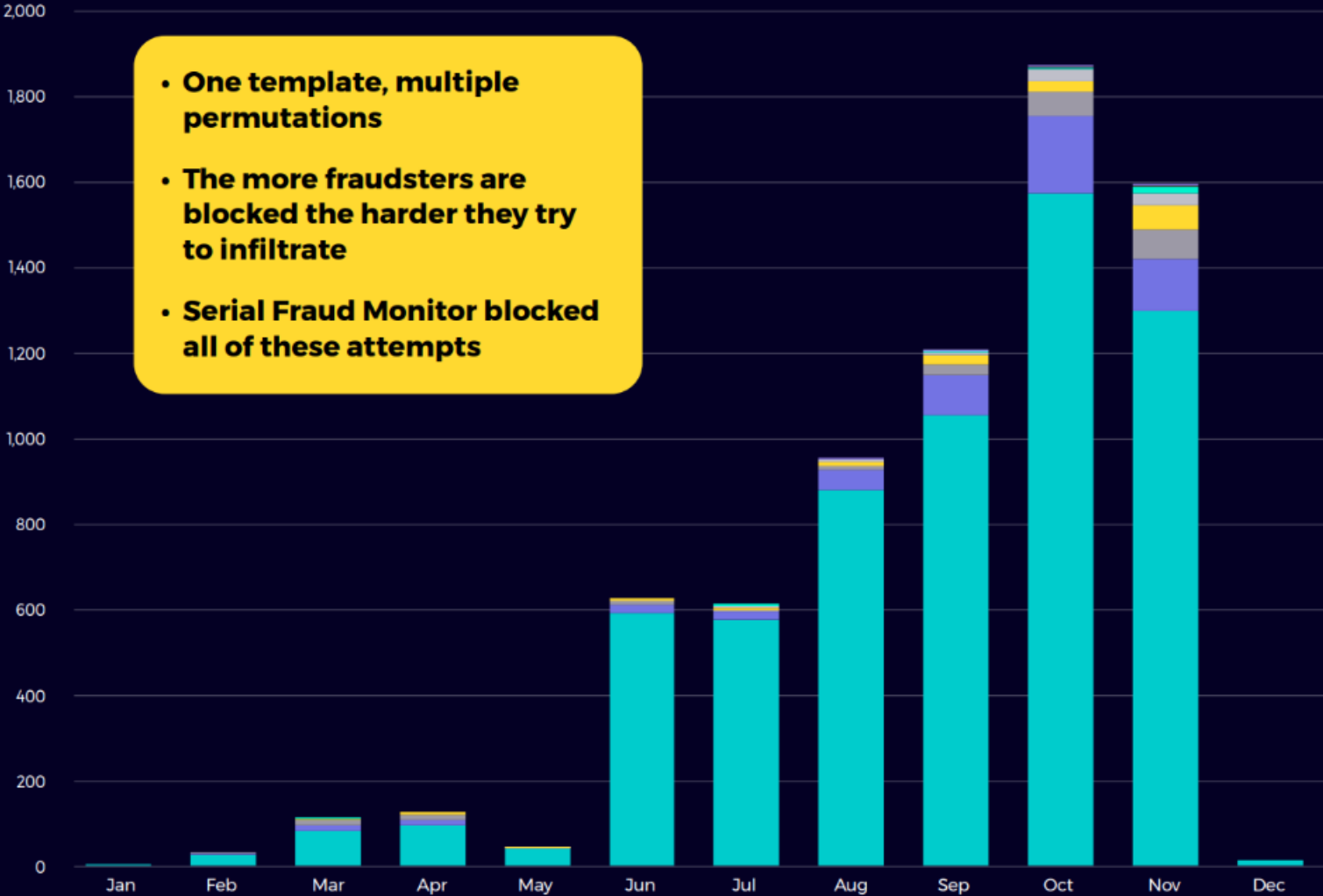
The average mega attack involves around

2000 IDs

penetrating 5-6 times a day on average over a long duration, usually 12 months.

AI brings next-level “Mega” attacks that require next level defense

Pattern recognitions: the DNA of a mega attack from a single ID



- One template, multiple permutations
- The more fraudsters are blocked the harder they try to infiltrate
- Serial Fraud Monitor blocked all of these attempts

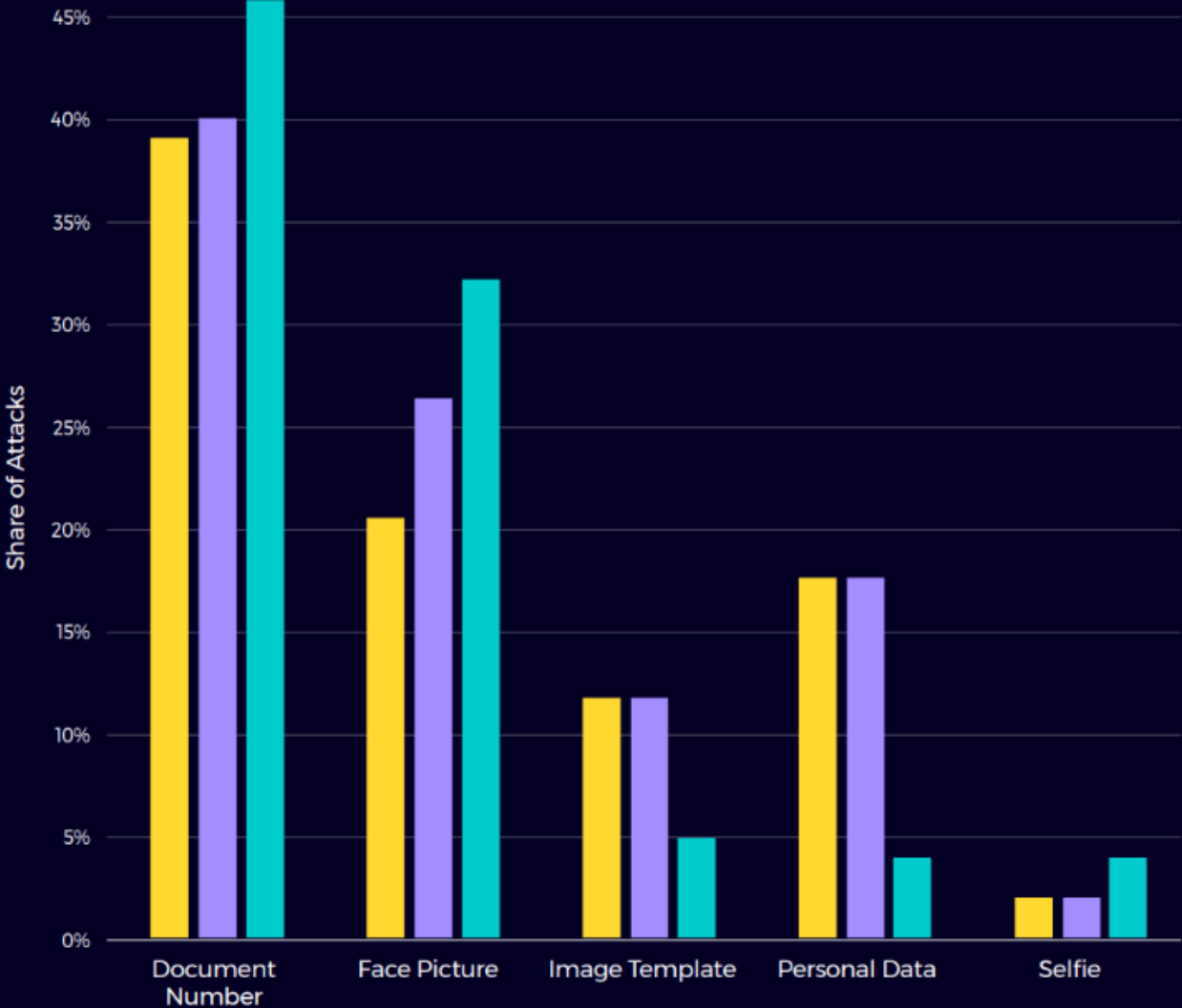
Our consortium recognized four distinct elements of hashed PII (represented as A, B, C, and D) recombined eight ways:

- C,D
- B,C
- B,C,D
- C
- D
- A,B,C
- A,C,D
- A,B,C,D

PII is hashed and therefore recognized by a unique identifier, preserving privacy in the consortium while providing the strongest detection against organized identity fraud attacks.

ID pattern recognitions in one mega attack over 12 months in 2023

Selfies and liveness detection block bad actors



Proportion of Modes of Attack Detected from Q4 2023 to Q2 2024



Impact of the Quarterly Report



The Report gets us noticed

Quarterly Report UVM Since Inception

Report	UVM
Q2 2023	99,299,300
Q3 2023	25,191,200
Q4 2023	25,948,400
Q1 2024	29,607,600



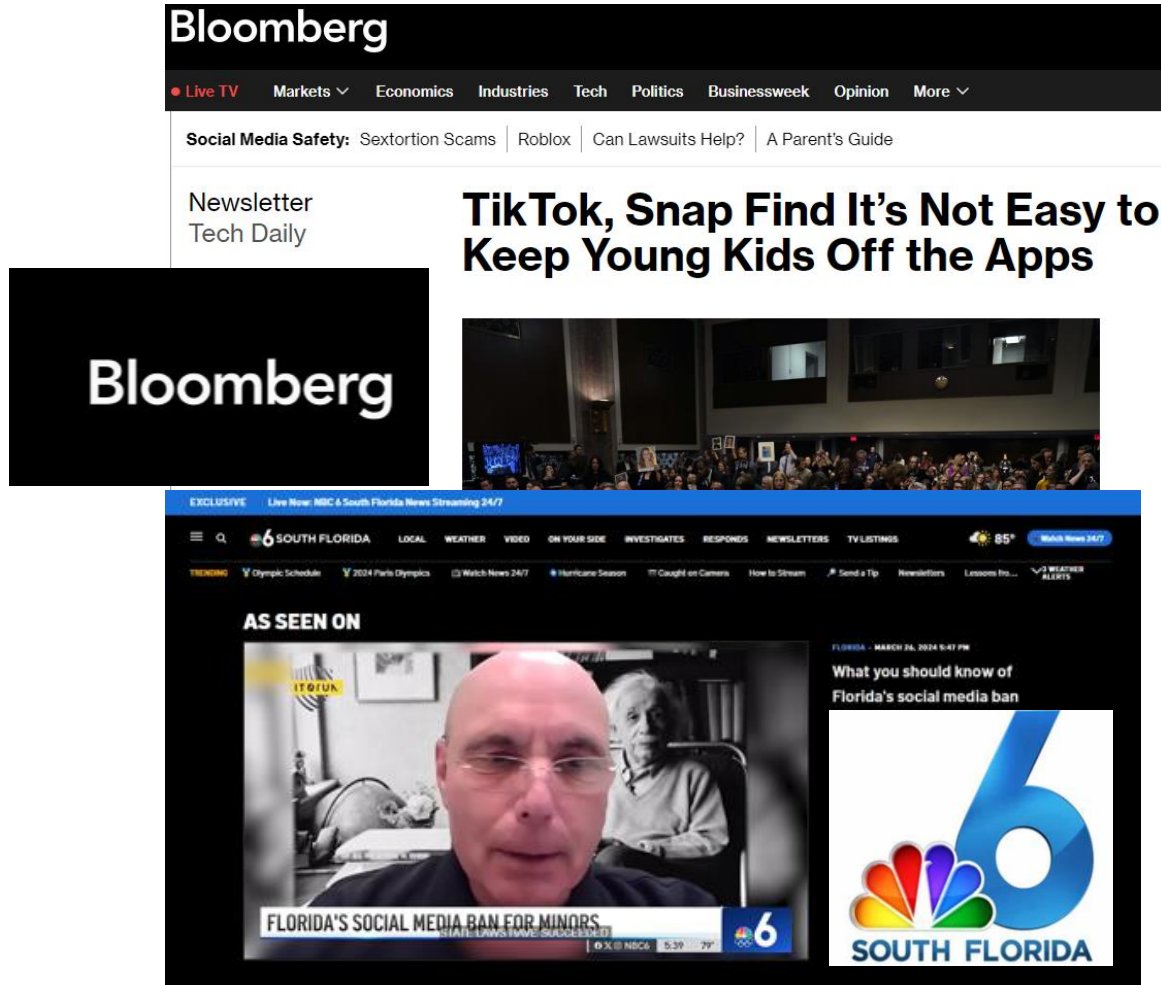
Q2 2023

Q1 2024

Q4 2023

Q3 2023

It's credibility leads to exposure in Tier 1 news outlets

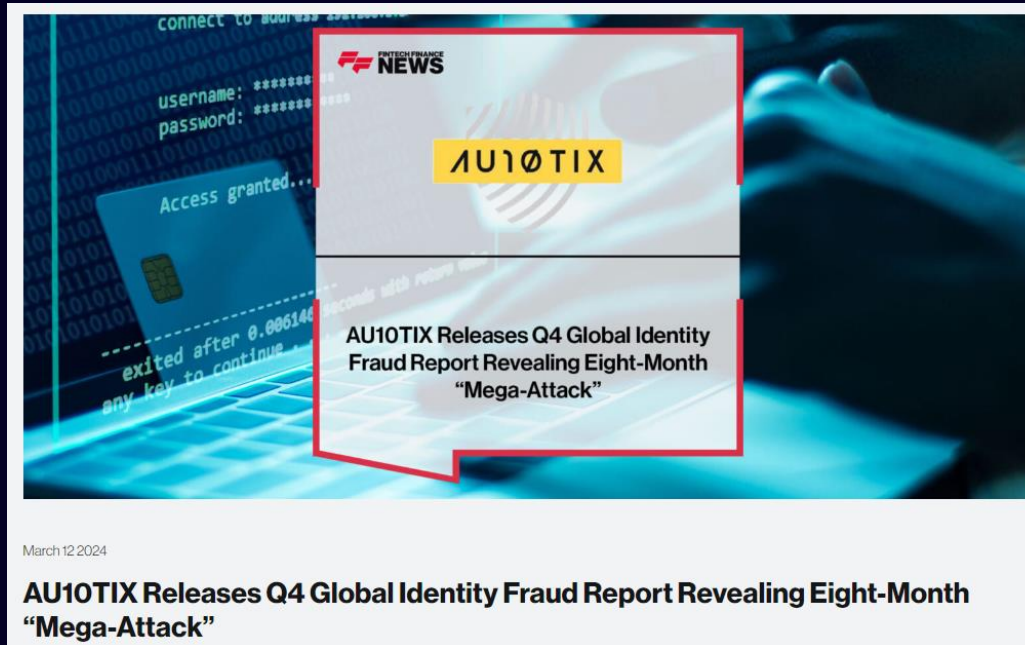


All these social networks want users. They don't want to scare them...some studies show that more than 40% of people will give up if it takes too long to create an account or if they have to hand over information they don't want to expose, like documents that could prove their age.

- Dan Yerushalmi

Bloomberg Tech Daily

...and consistently earns Tier 2 media placements...



Use it to make an even bigger impact

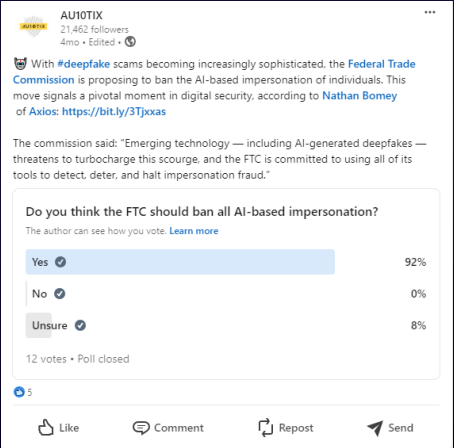


AU10TIX ACTIONABLE INSIGHTS INSIDE

THE GLOBAL IDENTITY FRAUD REPORT
SPECIAL EDITION
Dive deep into the top 10 mega attacks of 2023
[Download the Report](#)

We Are Newsmakers

The report introduces new terms and insights based on Analysts findings in SFM.



AU10TIX 21,462 followers
4mo • Edited •

With #deepfake scams becoming increasingly sophisticated, the **Federal Trade Commission** is proposing to ban the AI-based impersonation of individuals. This move signals a pivotal moment in digital security, according to **Nathan Bomey of Axios**: <https://bit.ly/3Tjxxas>

The commission said: "Emerging technology — including AI-generated deepfakes — threatens to turbocharge this scourge, and the FTC is committed to using all of its tools to detect, deter, and halt impersonation fraud."

Do you think the FTC should ban all AI-based impersonation?
The author can see how you vote. [Learn more](#)

Yes	92%
No	0%
Unsure	8%

12 votes • Poll closed

Like Comment Repost Send

Social Media Traction

Posts get many engagements – repost and comment/ask a question



Serial Fraud Monitor caught **675 variants of the same ID - 1 day**

Fraudsters respond to regulatory crackdowns

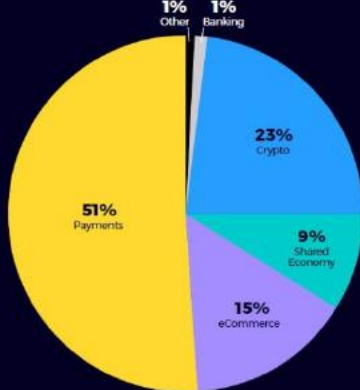
51% Less fraud in the crypto sector

56% More fraud in the payments sector

IDV with selfie is a **MUST-HAVE**

Employee Awareness

AU10TIX makes the news with our products and insights – stay informed



Industry	Percentage
Payments	51%
Crypto	23%
eCommerce	15%
Shared Economy	9%
Other	1%
Banking	1%

Top Level Overview: Third Quarter Global Attacks by Industry

Real Facts and Insights

SDR, Sales, and CRMs can use as an engagement tool to sell/upsell SFM



Q2 2024 Global Identity Fraud Report

Attack of the bots

COMING
September 12th



The Report on Fraud opens the door to opportunity and recognition



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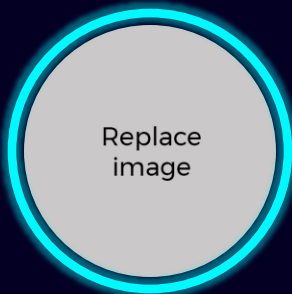


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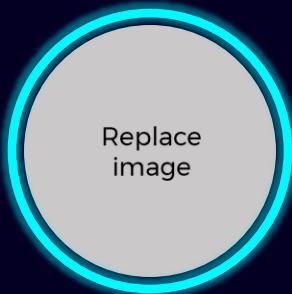
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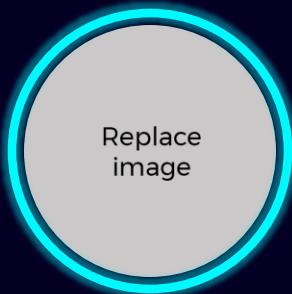
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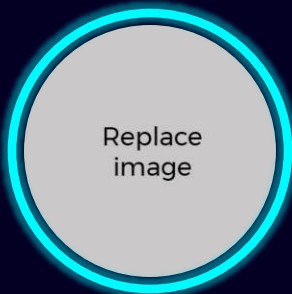
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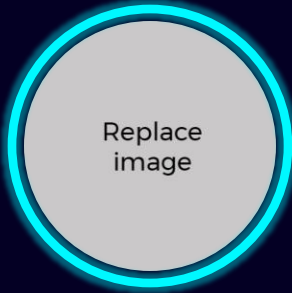
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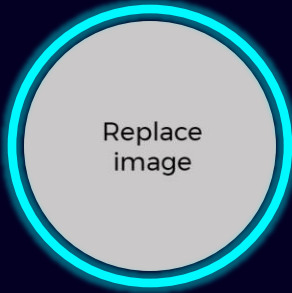
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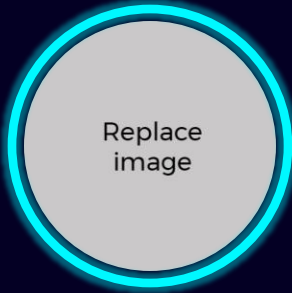
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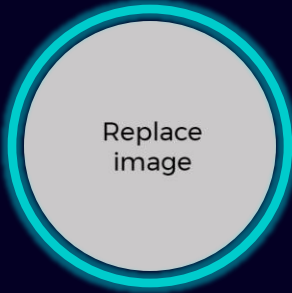
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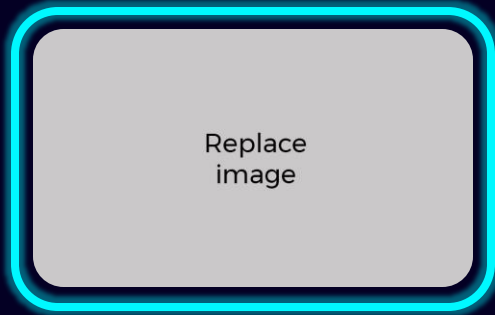


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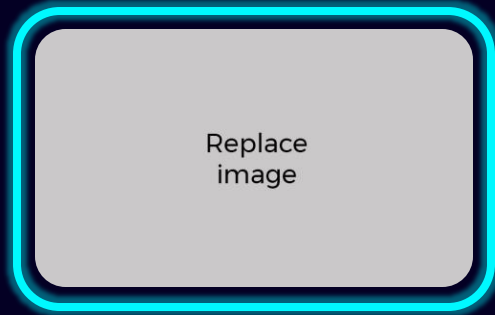


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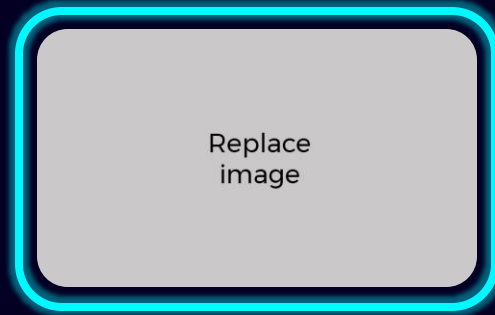
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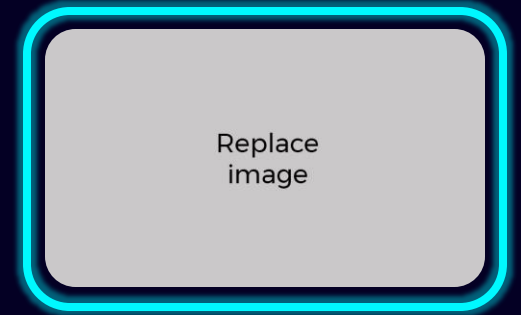
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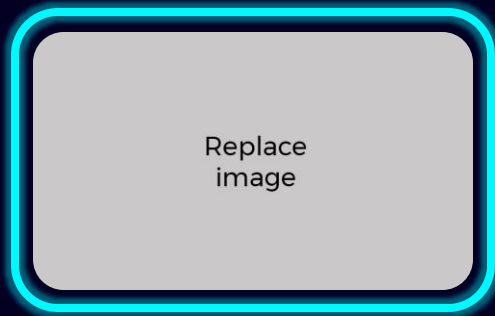
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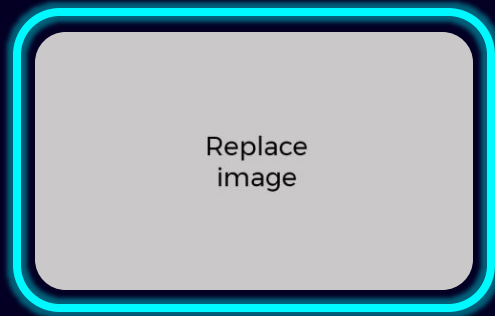
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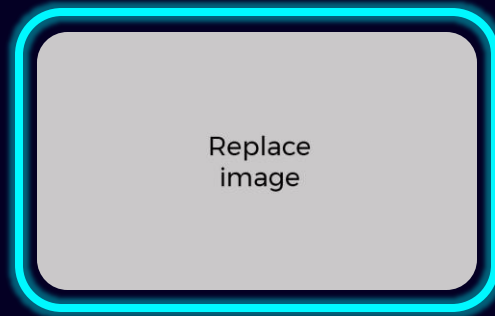
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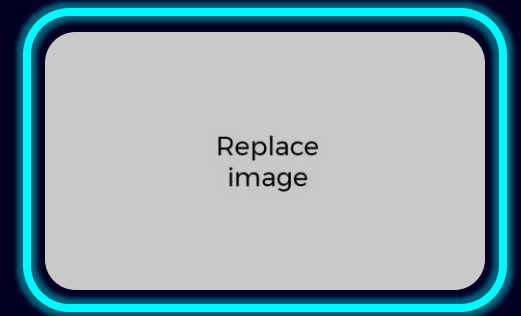
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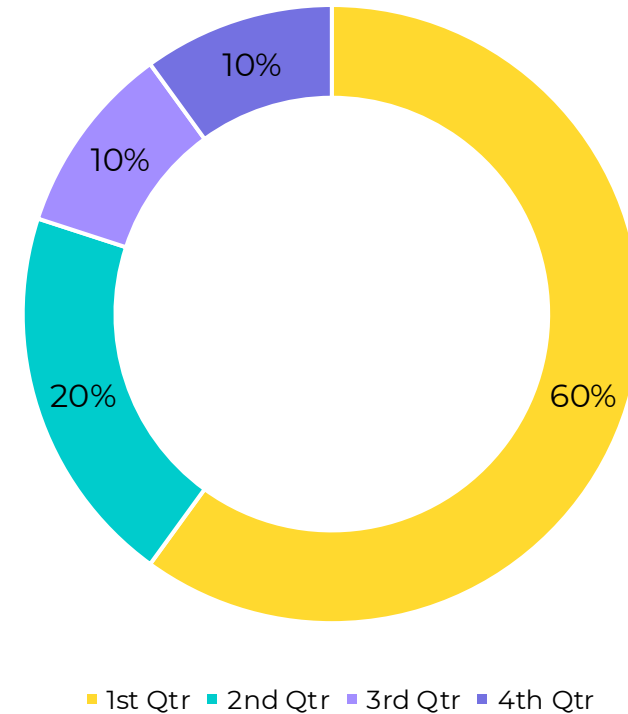
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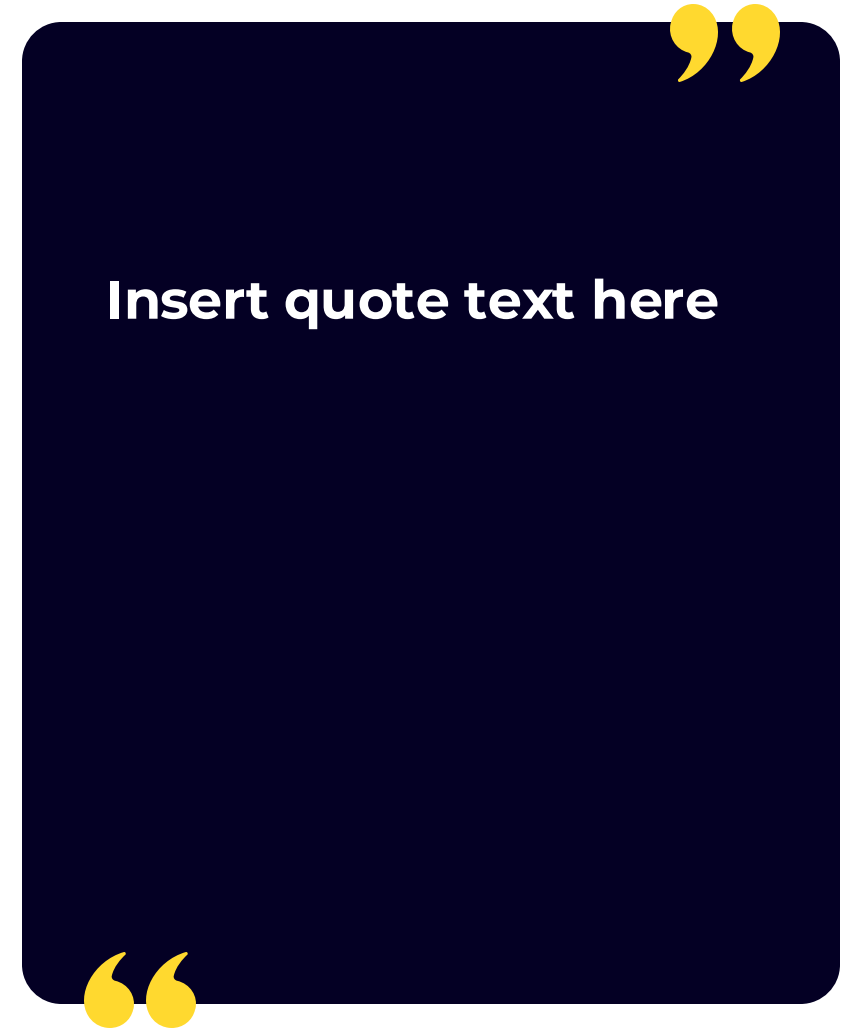
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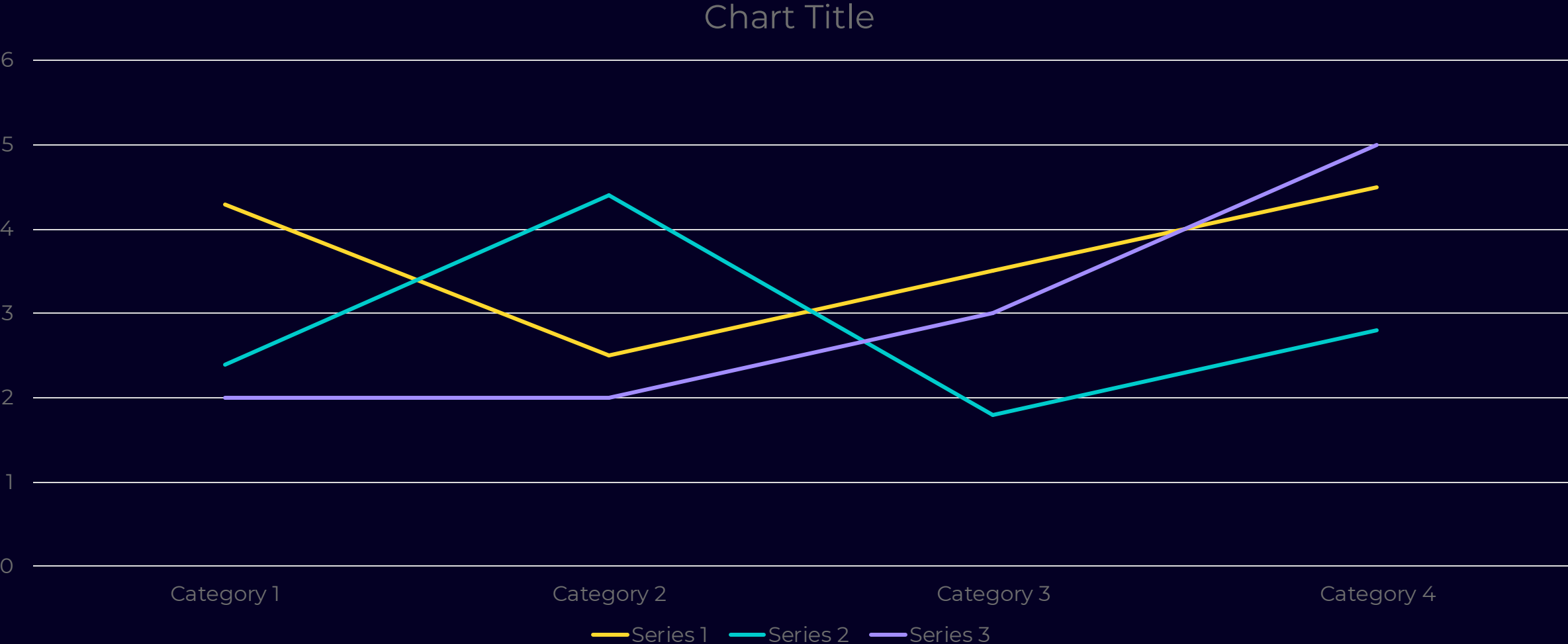


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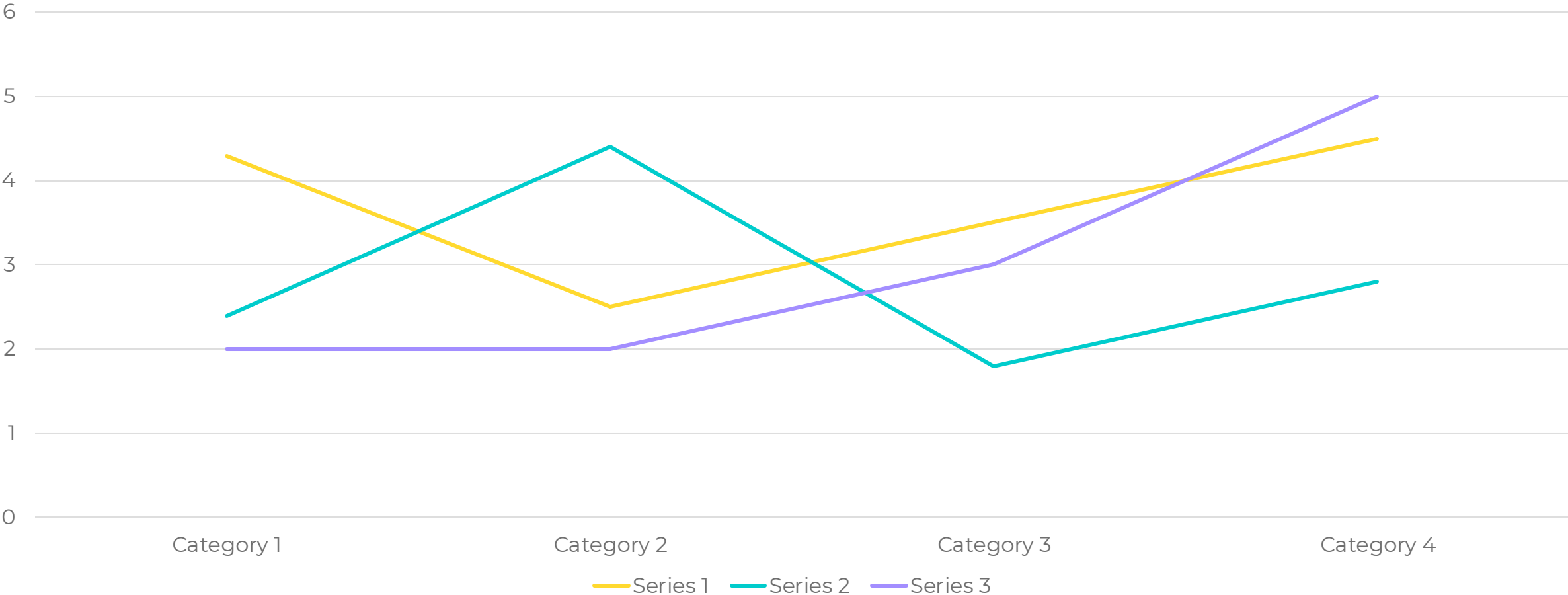


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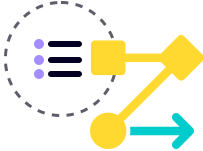
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