Building an

Agentic Threat Intel System

```
~
whoami
```

daemon.ajvanbeest.com

github.com/theaj42
- presentations
- sourdough.ai

ajvanbeest@protonmail.com

Threat intel is ***hard***

25 Focused threat actors

8 APTs

11,275 discrete applications

Also, there’s “news.”

Whaddya mean, ***Agentic***?

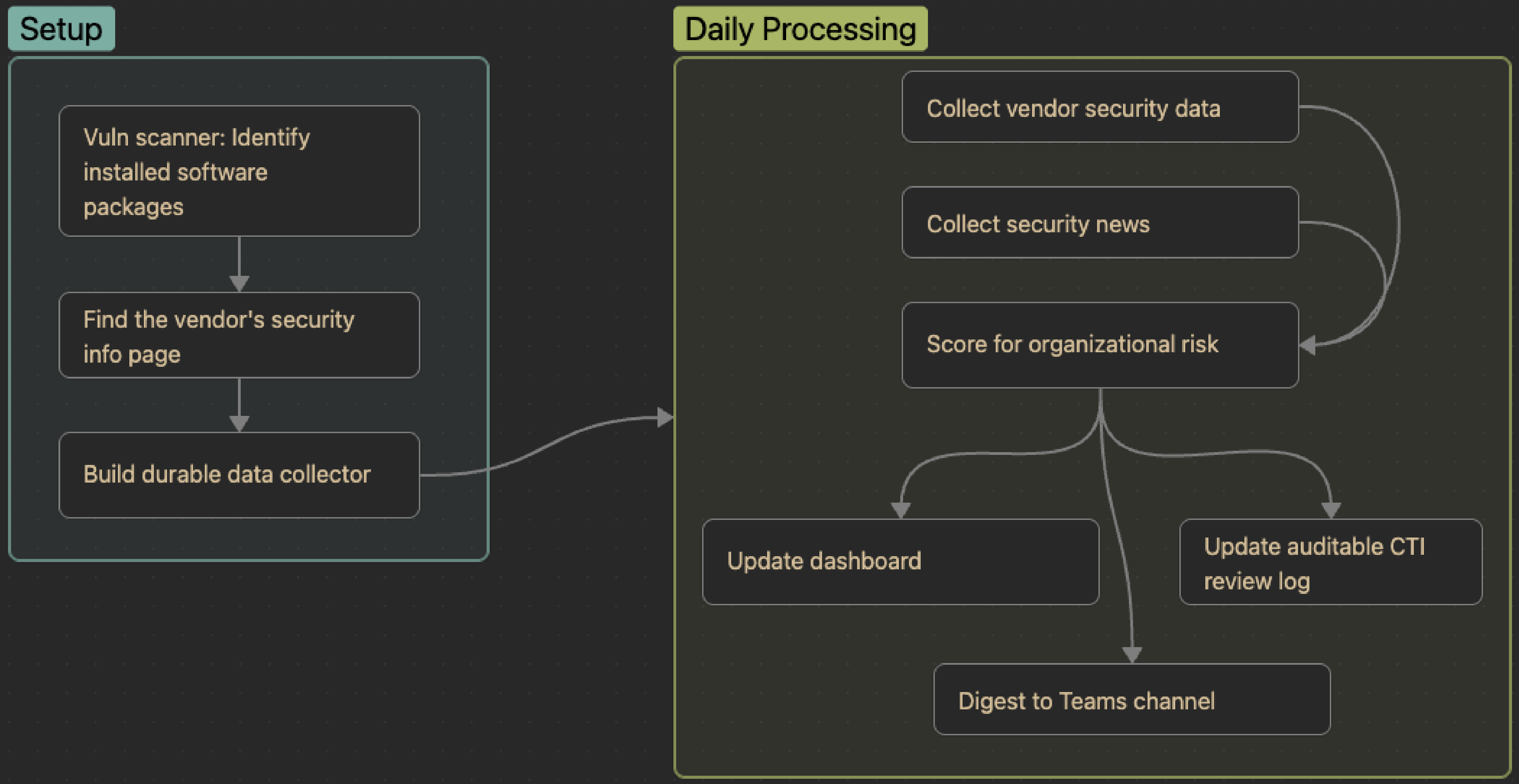
The system is empowered:

It can make choices
and take actions…

…without consulting a human.

WALL E

So I built ***a thing***



Setup

Vuln scanner: Identify installed software packages

Find the vendor's security info page

Build durable data collector

Daily Processing

Collect vendor security data

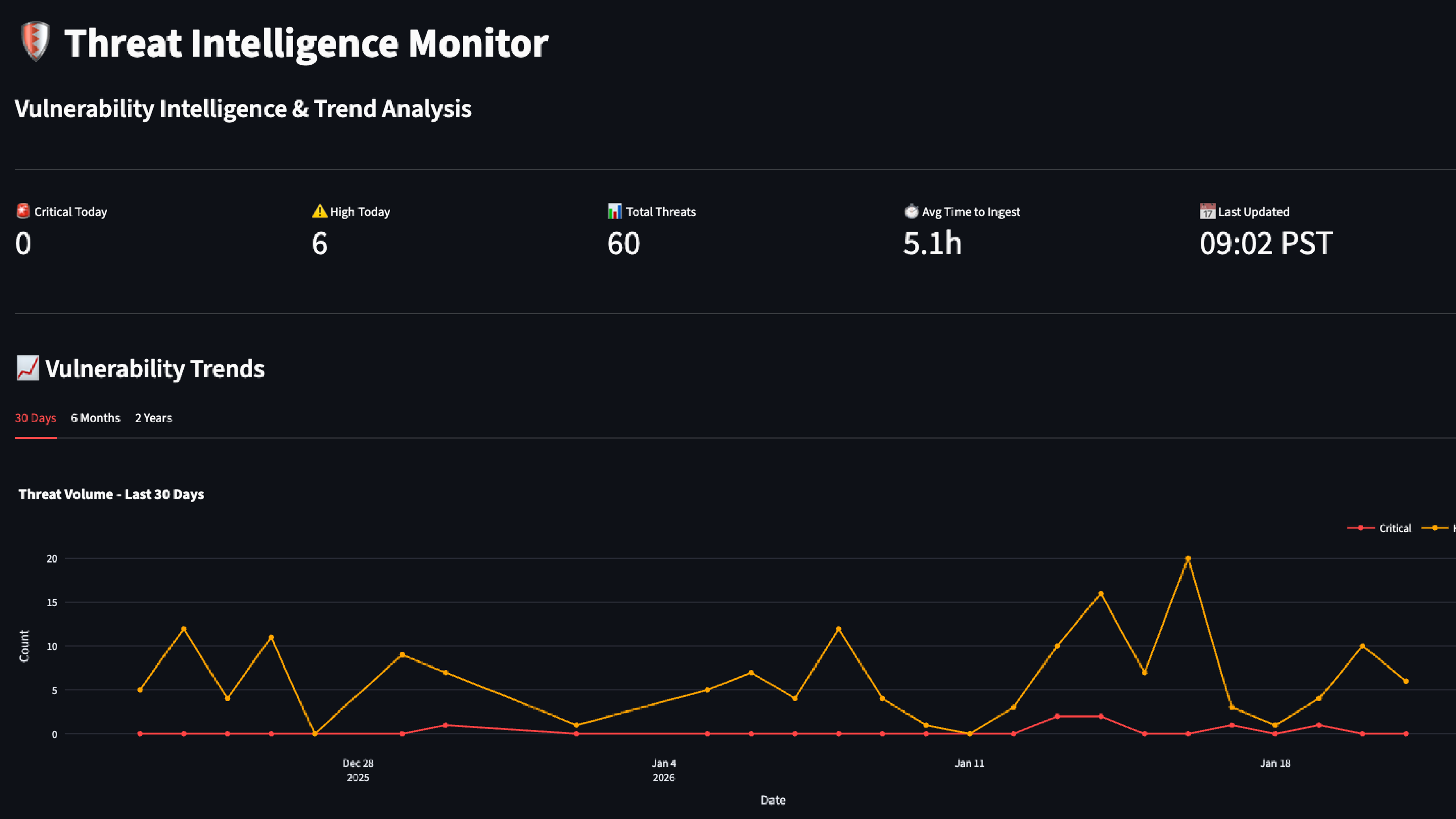
Collect security news

Score for organizational risk

Update dashboard

Update auditable CTI review log

Digest to Teams channel



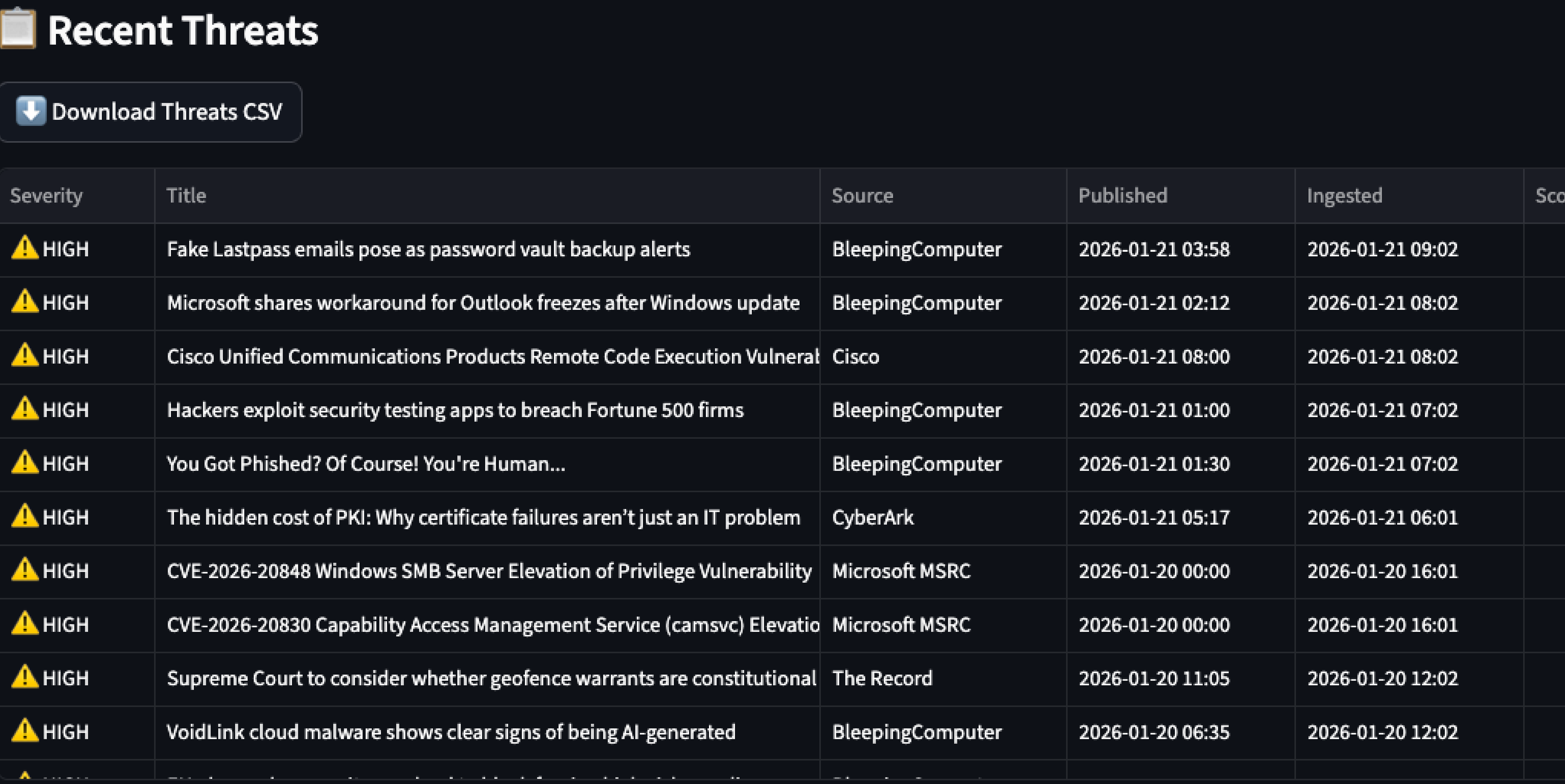
🛡️ Threat Intelligence Monitor

Vulnerability Intelligence & Trend Analysis

🚨 Critical Today	⚠️ High Today	📊 Total Threats	⏱️ Avg Time to Ingest	📅 Last Updated
0	6	60	5.1h	09:02 PST

📈 Vulnerability Trends

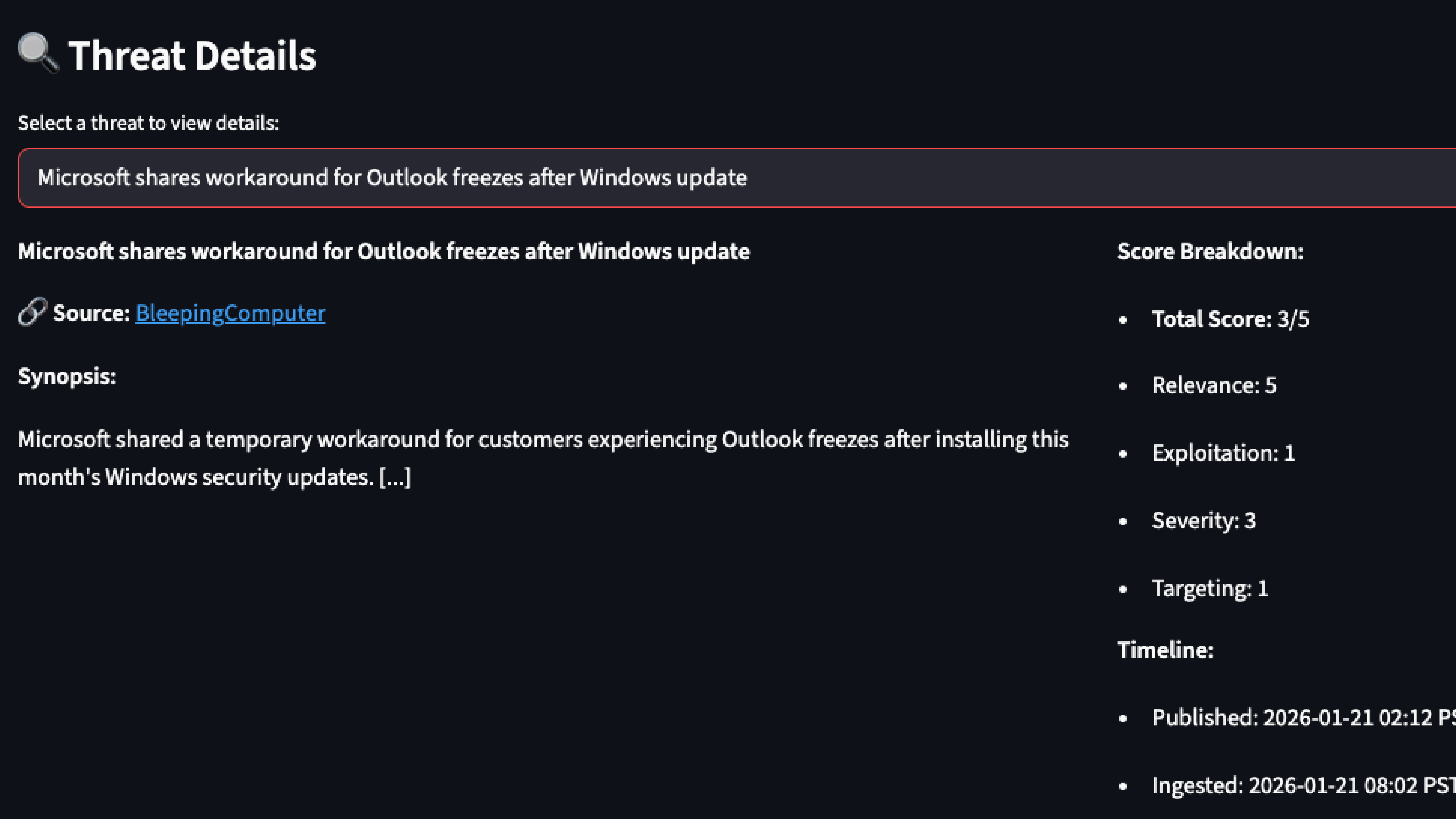
Threat Volume - Last 30 Days



📋 Recent Threats

⬇️ Download Threats CSV

Severity	Title	Source	Published	Ingested	Sco
⚠ HIGH	Fake Lastpass emails pose as password vault backup alerts	BleepingComputer	2026-01-21 03:58	2026-01-21 09:02	
⚠ HIGH	Microsoft shares workaround for Outlook freezes after Windows update	BleepingComputer	2026-01-21 02:12	2026-01-21 08:02	
⚠ HIGH	Cisco Unified Communications Products Remote Code Execution Vulnerab	Cisco	2026-01-21 08:00	2026-01-21 08:02	
⚠ HIGH	Hackers exploit security testing apps to breach Fortune 500 firms	BleepingComputer	2026-01-21 01:00	2026-01-21 07:02	
⚠ HIGH	You Got Phished? Of Course! You're Human...	BleepingComputer	2026-01-21 01:30	2026-01-21 07:02	
⚠ HIGH	The hidden cost of PKI: Why certificate failures aren't just an IT problem	CyberArk	2026-01-21 05:17	2026-01-21 06:01	
⚠ HIGH	CVE-2026-20848 Windows SMB Server Elevation of Privilege Vulnerability	Microsoft MSRC	2026-01-20 00:00	2026-01-20 16:01	
⚠ HIGH	CVE-2026-20830 Capability Access Management Service (camsvc) Elevatio	Microsoft MSRC	2026-01-20 00:00	2026-01-20 16:01	
⚠ HIGH	Supreme Court to consider whether geofence warrants are constitutional	The Record	2026-01-20 11:05	2026-01-20 12:02	
⚠ HIGH	VoidLink cloud malware shows clear signs of being AI-generated	BleepingComputer	2026-01-20 06:35	2026-01-20 12:02	



🔍 Threat Details

Select a threat to view details:

Microsoft shares workaround for Outlook freezes after Windows update

Microsoft shares workaround for Outlook freezes after Windows update

🔗 **Source:** BleepingComputer

Synopsis:

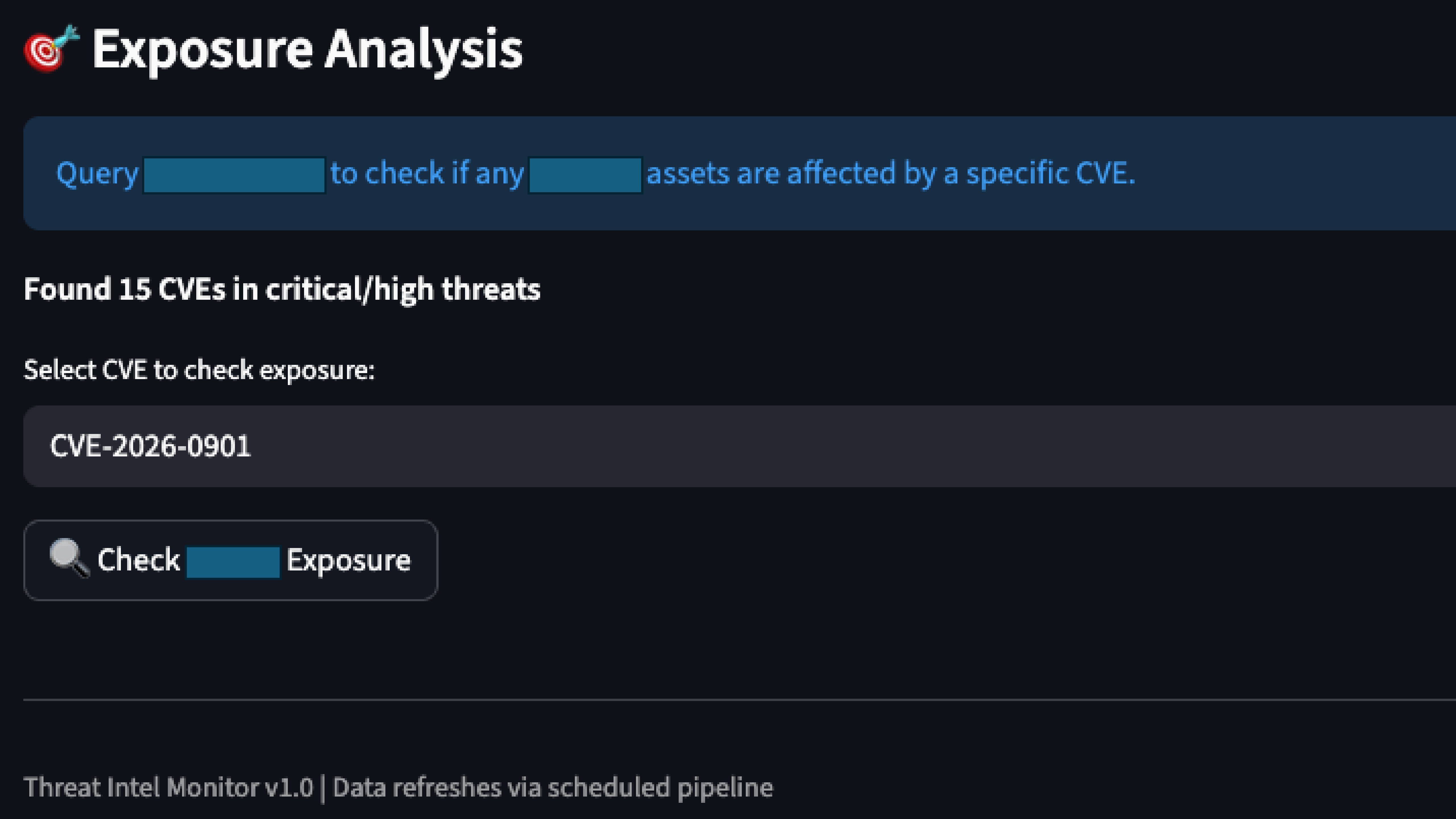
Microsoft shared a temporary workaround for customers experiencing Outlook freezes after installing this month's Windows security updates. [...]

Score Breakdown:

- **Total Score: 3/5**
- Relevance: 5
- Exploitation: 1
- Severity: 3
- Targeting: 1

Timeline:

- Published: 2026-01-21 02:12 PS
- Ingested: 2026-01-21 08:02 PST



🎯 Exposure Analysis

Query [redacted] to check if any [redacted] assets are affected by a specific CVE.

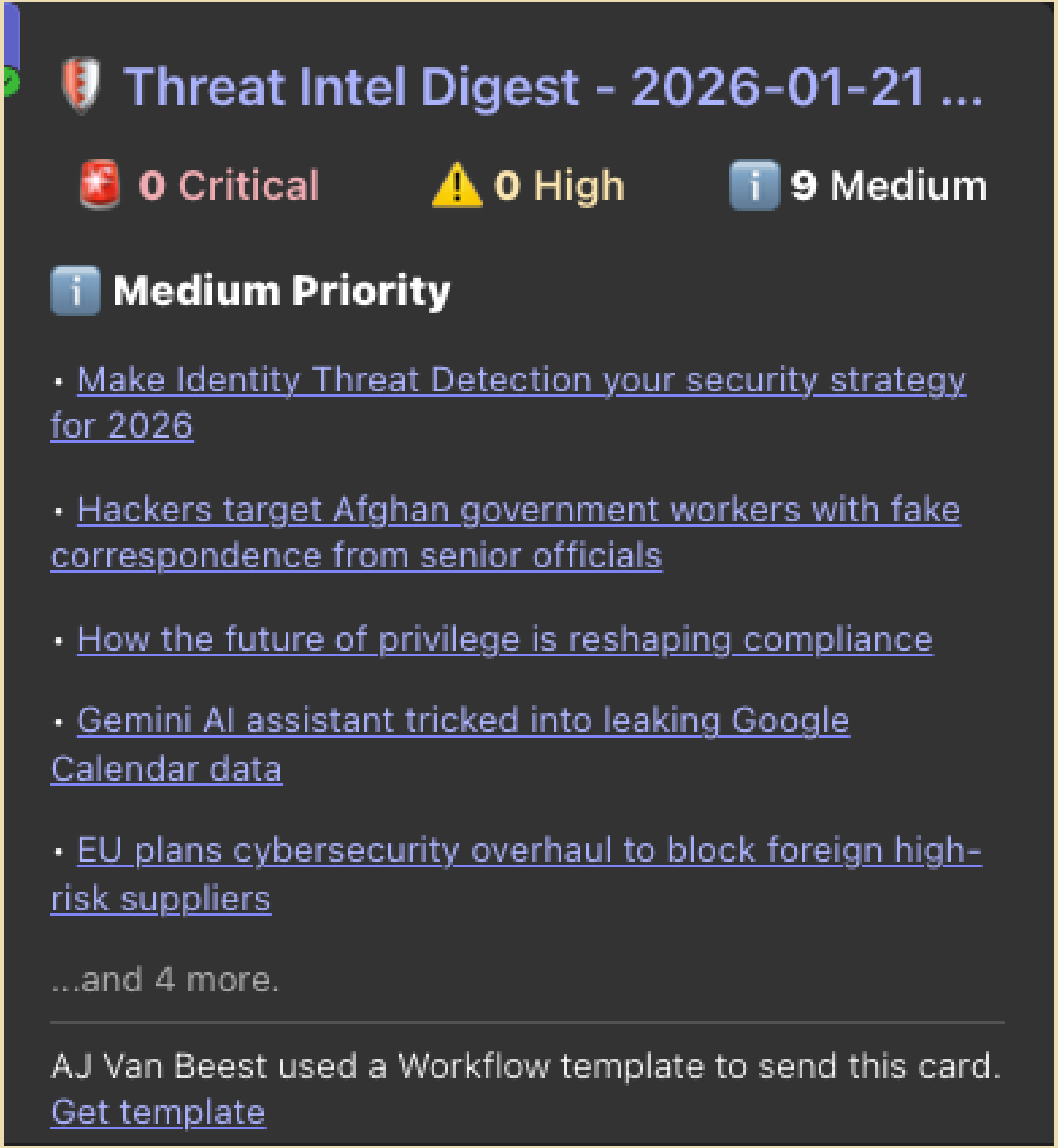
Found 15 CVEs in critical/high threats

Select CVE to check exposure:

CVE-2026-0901

🔍 Check [redacted] Exposure

Threat Intel Monitor v1.0 | Data refreshes via scheduled pipeline



🛡️ Threat Intel Digest - 2026-01-21 ...

🚨 0 Critical ⚠️ 0 High ℹ️ 9 Medium

ℹ️ **Medium Priority**

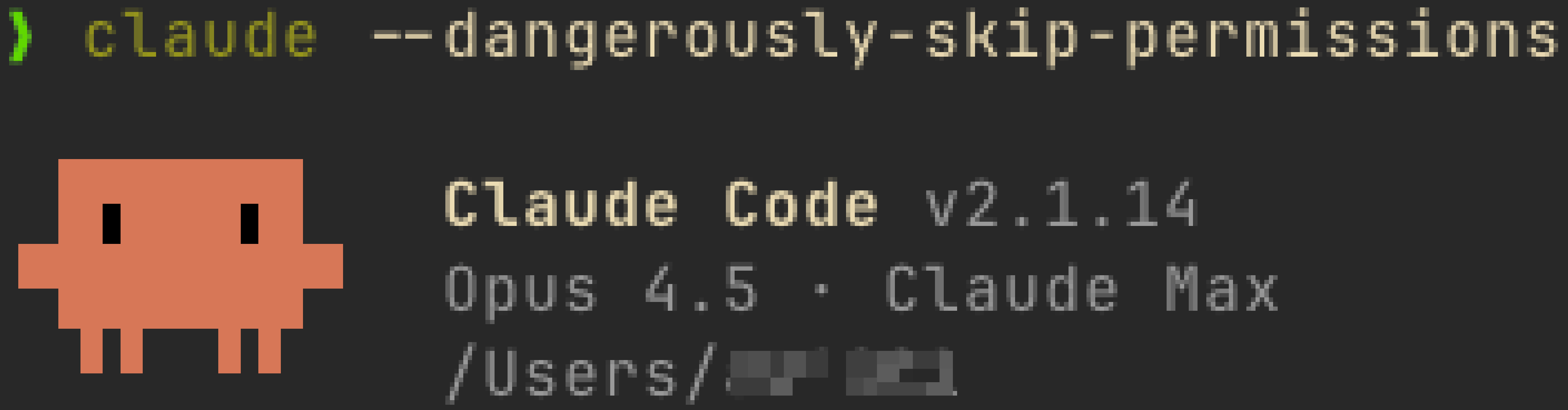
- Make Identity Threat Detection your security strategy for 2026
- Hackers target Afghan government workers with fake correspondence from senior officials
- How the future of privilege is reshaping compliance
- Gemini AI assistant tricked into leaking Google Calendar data
- EU plans cybersecurity overhaul to block foreign high-risk suppliers

...and 4 more.

AJ Van Beest used a Workflow template to send this card. Get template

The ***patterns***

Use good tools



```
❯ claude --dangerously-skip-permissions

            Claude Code v2.1.14
            Opus 4.5 · Claude Max
            /Users/[redacted]
```

Use spec-driven development:

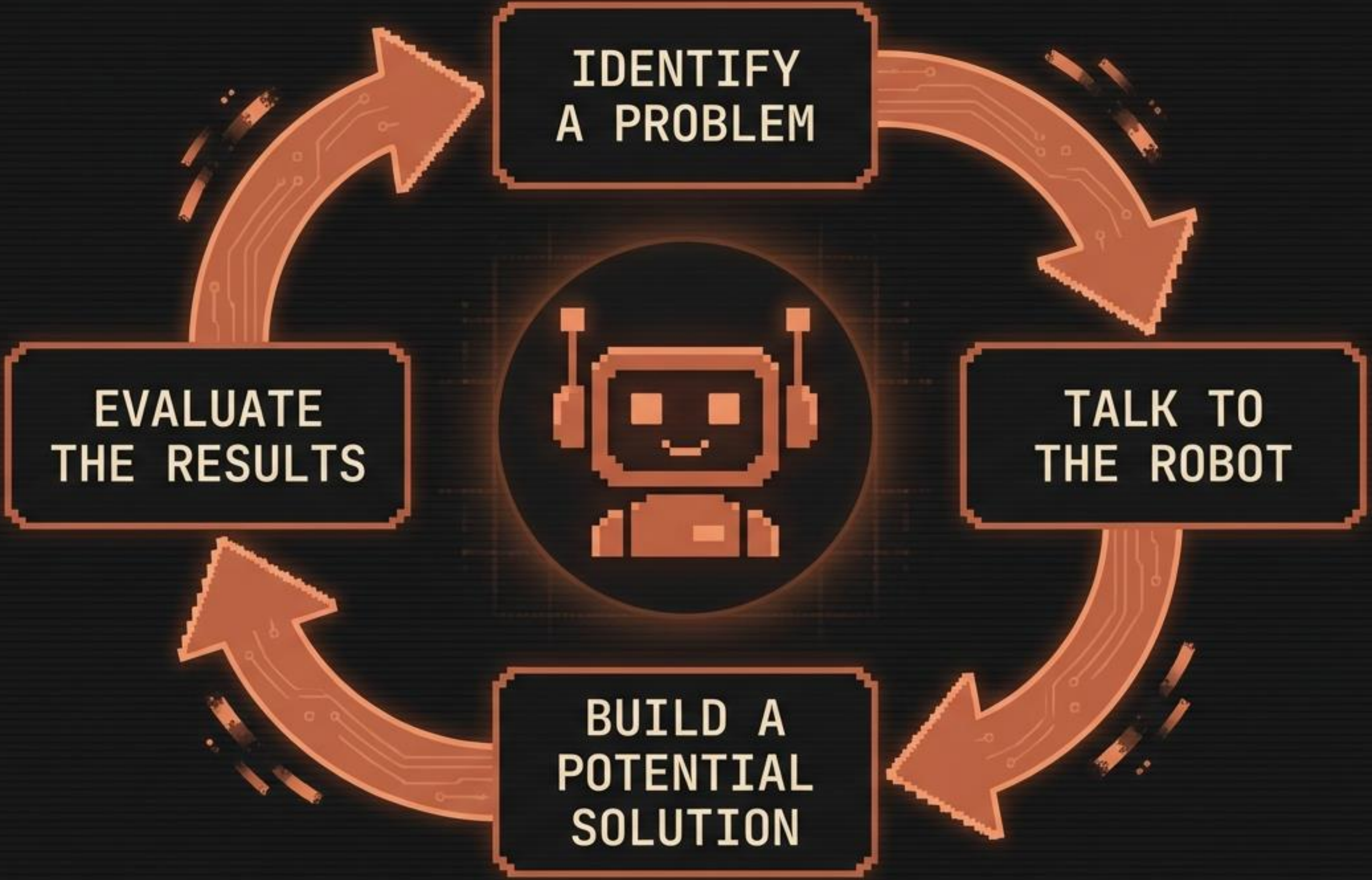
What vs. How

Use real data

What is “Good?”

Let the robot cook

Your turn: ***A cookbook***



IDENTIFY A PROBLEM

TALK TO THE ROBOT

BUILD A POTENTIAL SOLUTION

EVALUATE THE RESULTS

Tip: *Talk* to the robot

Tip: *Ask* the robot

CRITICAL NOTE…

You own the outcome

Kthxbye

daemon.ajvanbeest.com

github.com/theaj42

ajvanbeest@protonmail.com