### AWS Inventor Las VEGAS, NV



AIM223-S

SPONSORED BY UNSTRUCTURED

### Refine RAG performance: Use Unstructured for enhanced data ingestion



Brian Raymond
Founder and CEO
Unstructured



## RUCT U R E D



### **Company Snapshot**



Hi. We're Unstructured.

We help organizations transform their complex, unstructured data, like PDFs, PowerPoints, .html files, and more, into formats compatible with large language models (LLMs) so employees can chat with their internal data.







### >10,000 paying customers

>16M

product downloads

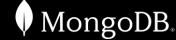
>60,000 organizations using Unstructured

\$65M

raised since founding in 2022



















### **Problem to Solve**

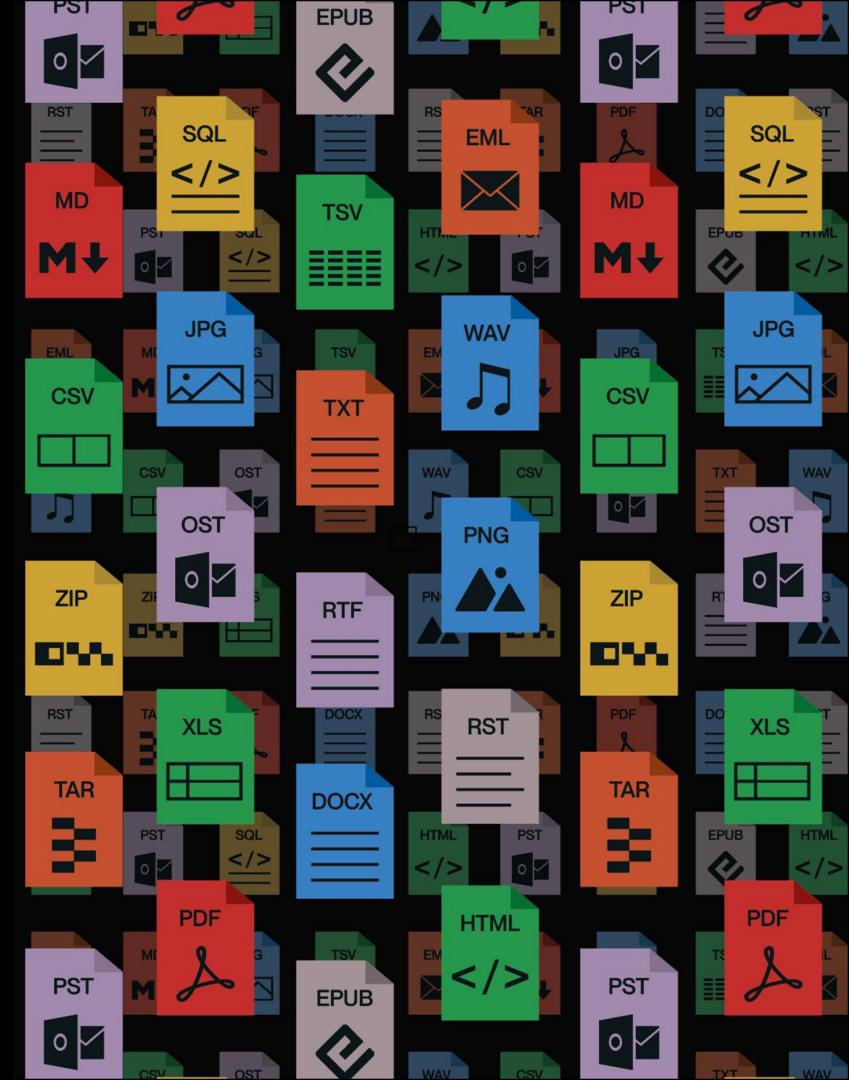
### We get ALL your data RAG-ready.

Unstructured makes it effortless to use human-generated data in conjunction with LLMs.

### **Out-of-the-box LLMs have three problems**

- 1 They hallucinate
- 2 They know nothing about your organization
- 3 They're frozen in time

The path to mitigating these problems starts with grounding LLMs on your organization's data.



2022 — Memory

2024 — Agents



### Agents Are Mainstream



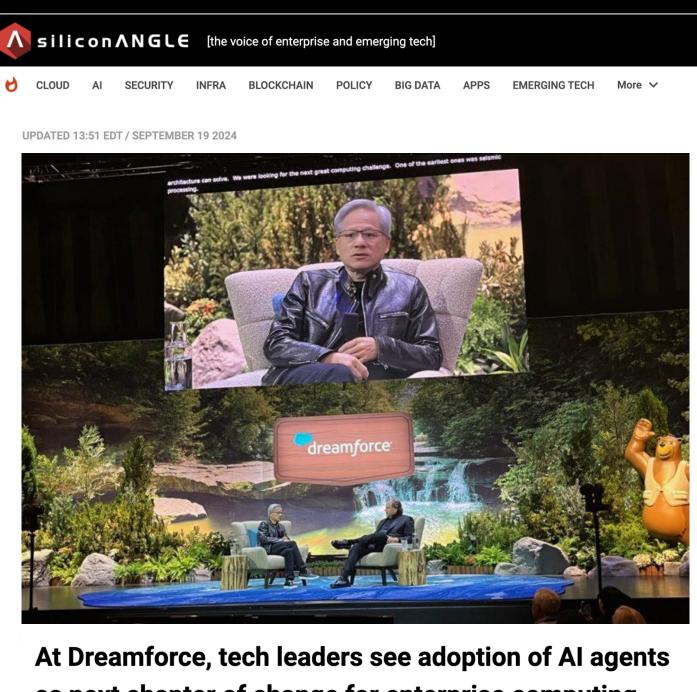


cogment









as next chapter of change for enterprise computing



**BY MARK ALBERTSON** 

**Hot Take** 

### Models are getting boring.

Agents are getting interesting.

But nothing works without good data.

**FAST @MPANY** In the AI era, data is gold. 07-01-2024 | ENGINES OF GROWTH

[Source image: Vladimir Kazakov/Getty Images]

- BY STEVEN MELENDEZ 6 MINUTE READ
- As businesses scramble to take advantage of artificial intelligence, they're finding data makes all the difference in using AI effectively.
  - A recent report from Amazon Web Services found small and medium-

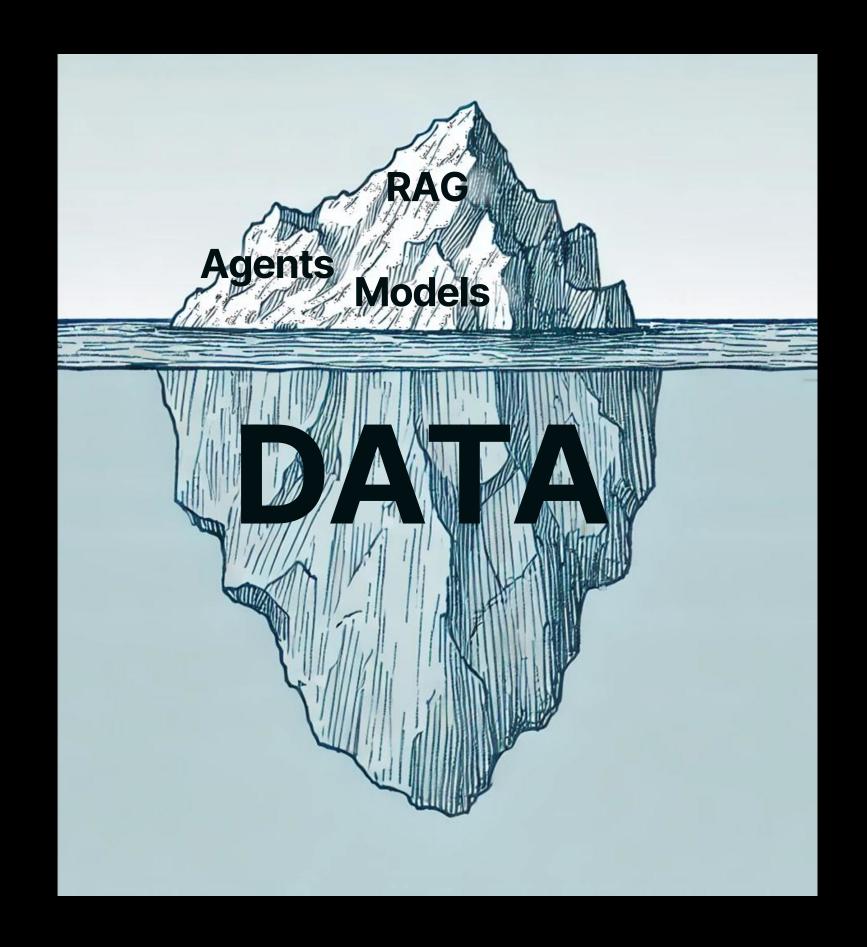


Data, Data, Data

# It's the data that makes them work.

No matter how advanced your Al system is—whether it's an agent, RAG, or a model—its power is directly tied to the quality of data behind it.

Data is what fuels the success of every Al workflow.



### **Data Players Popping Up**







































**Unlocking the Data** 

### What we're doing about it.

Your Internal Data = Production Al.

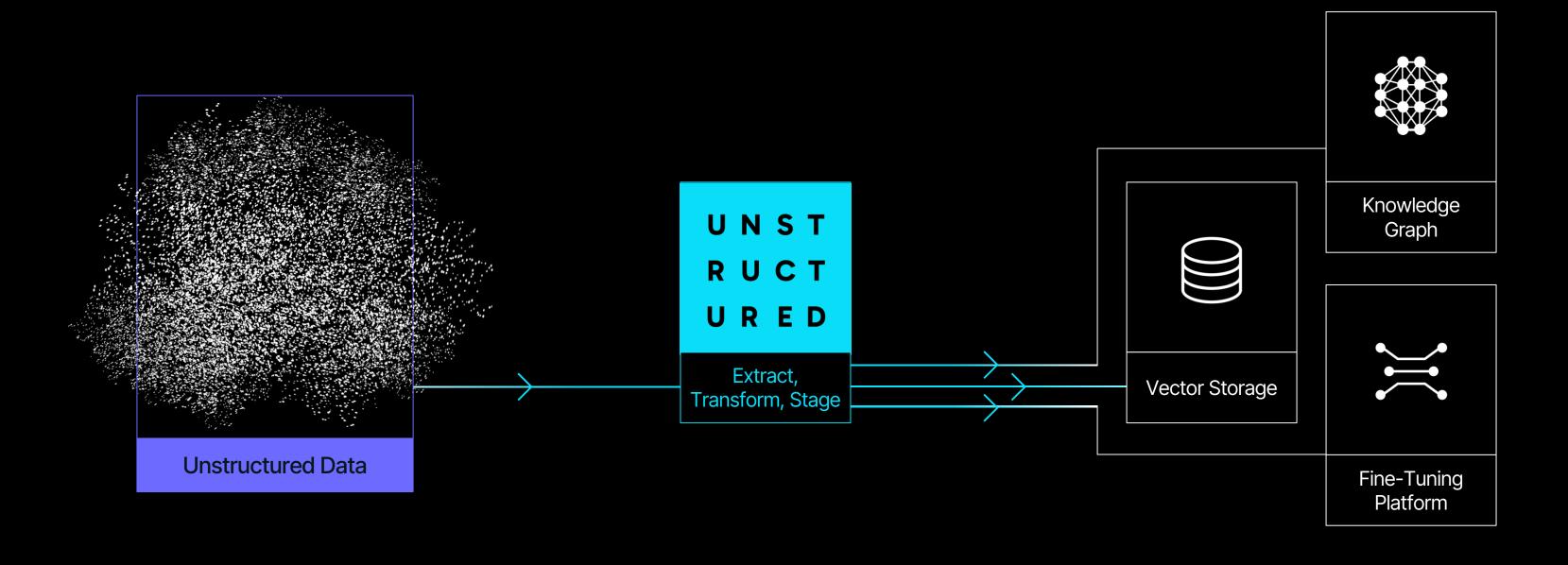
Without the right data, the efficacy of fine-tuning, RAG, and agents plummets. Their true potential is only unlocked when they're fueled by high-quality, proprietary data.



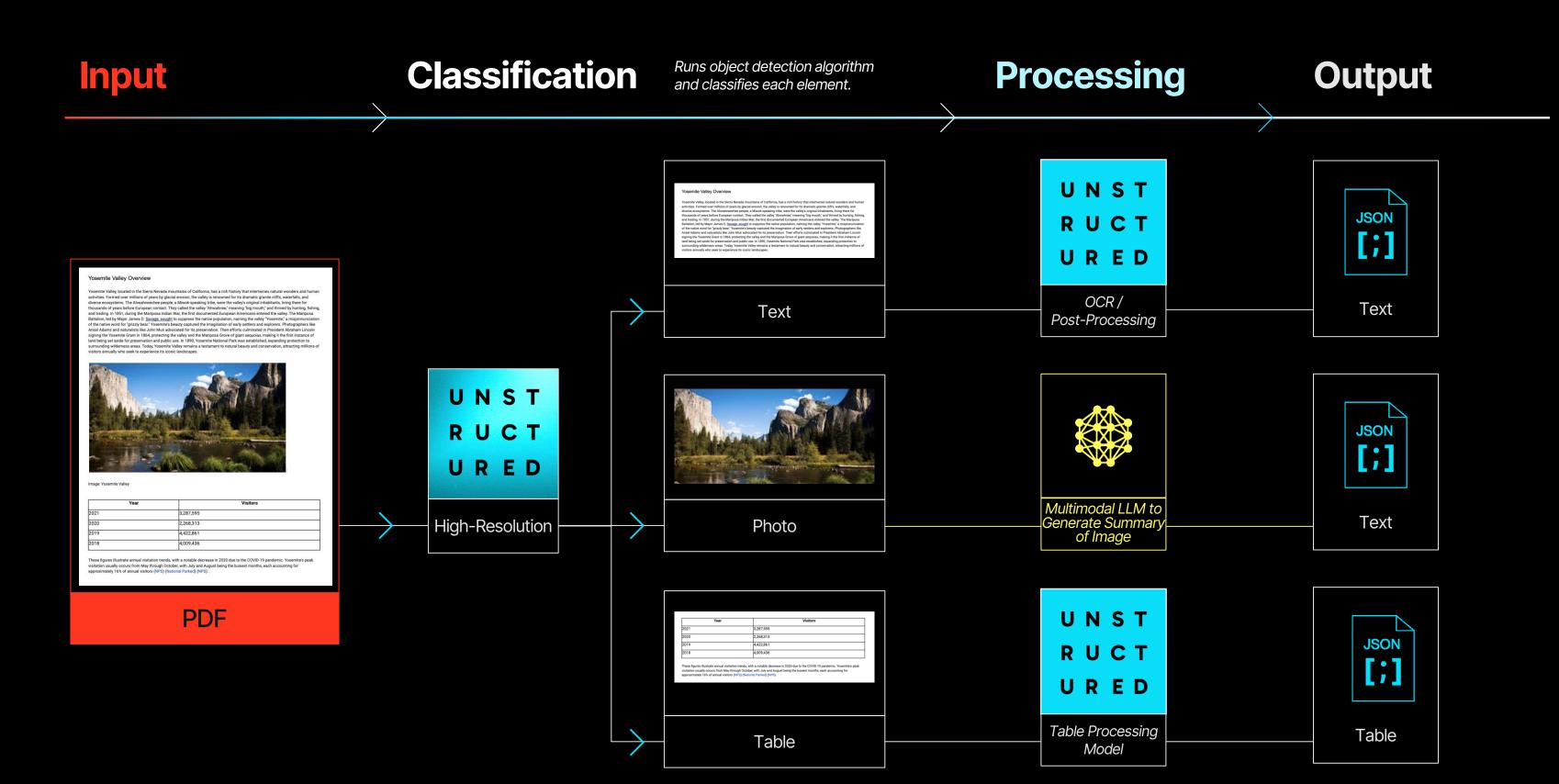


**Architecture** 

### Where we fit in the tech stack.



### **Superior Transformation**





**Tech Explosion** 

# The proliferation of model choice is incredible.

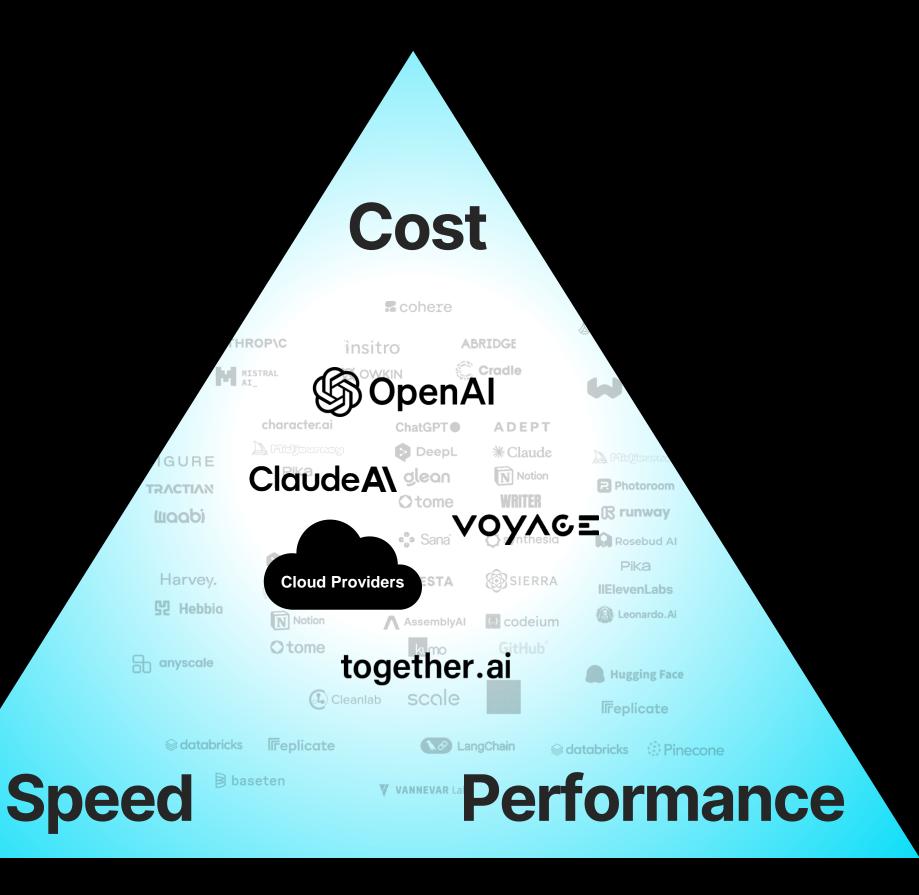




Optimize

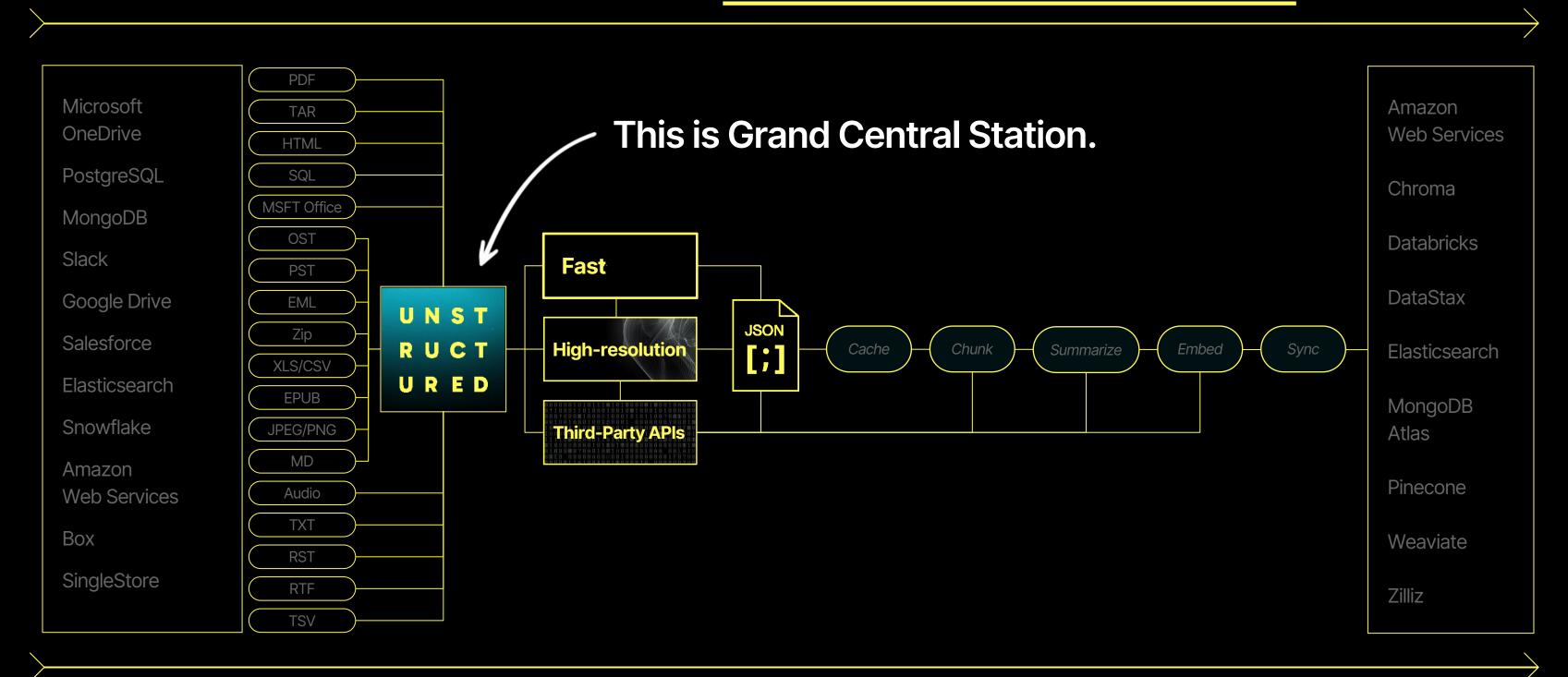
### You choose what's best for you.

And optimize your own experience for cost, speed, and performance.





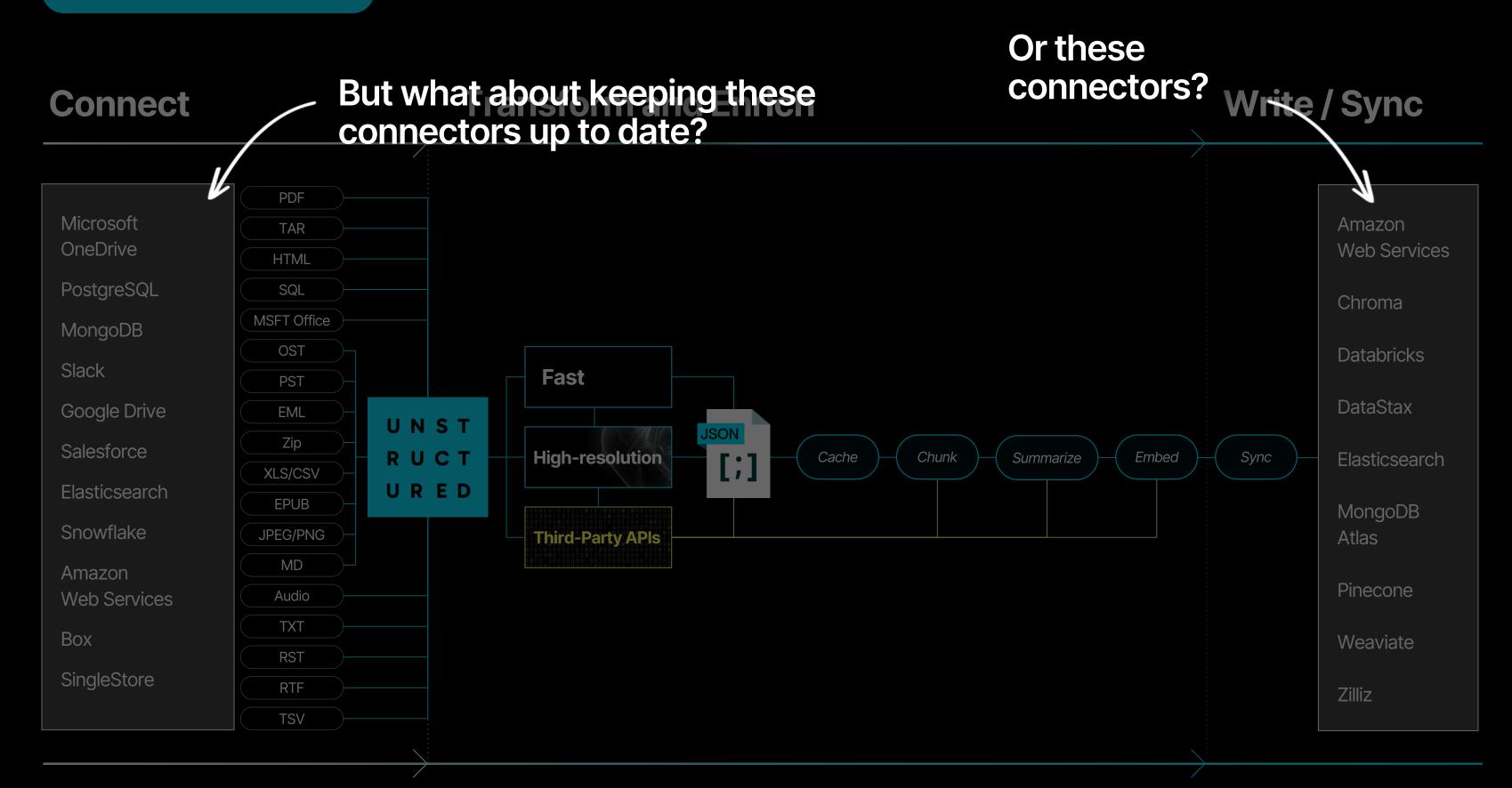
### Think of Unstructured as Grand Central Station



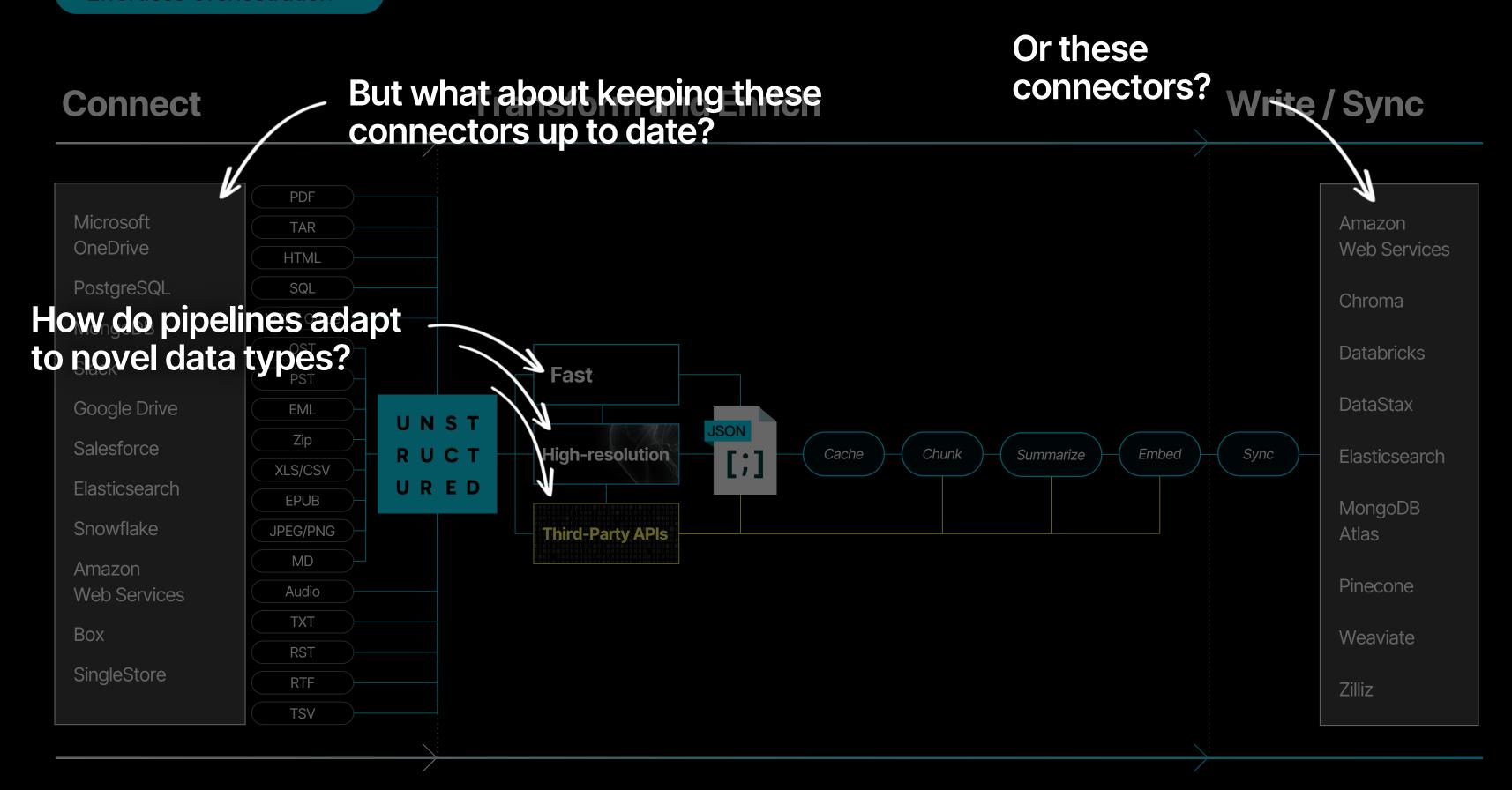




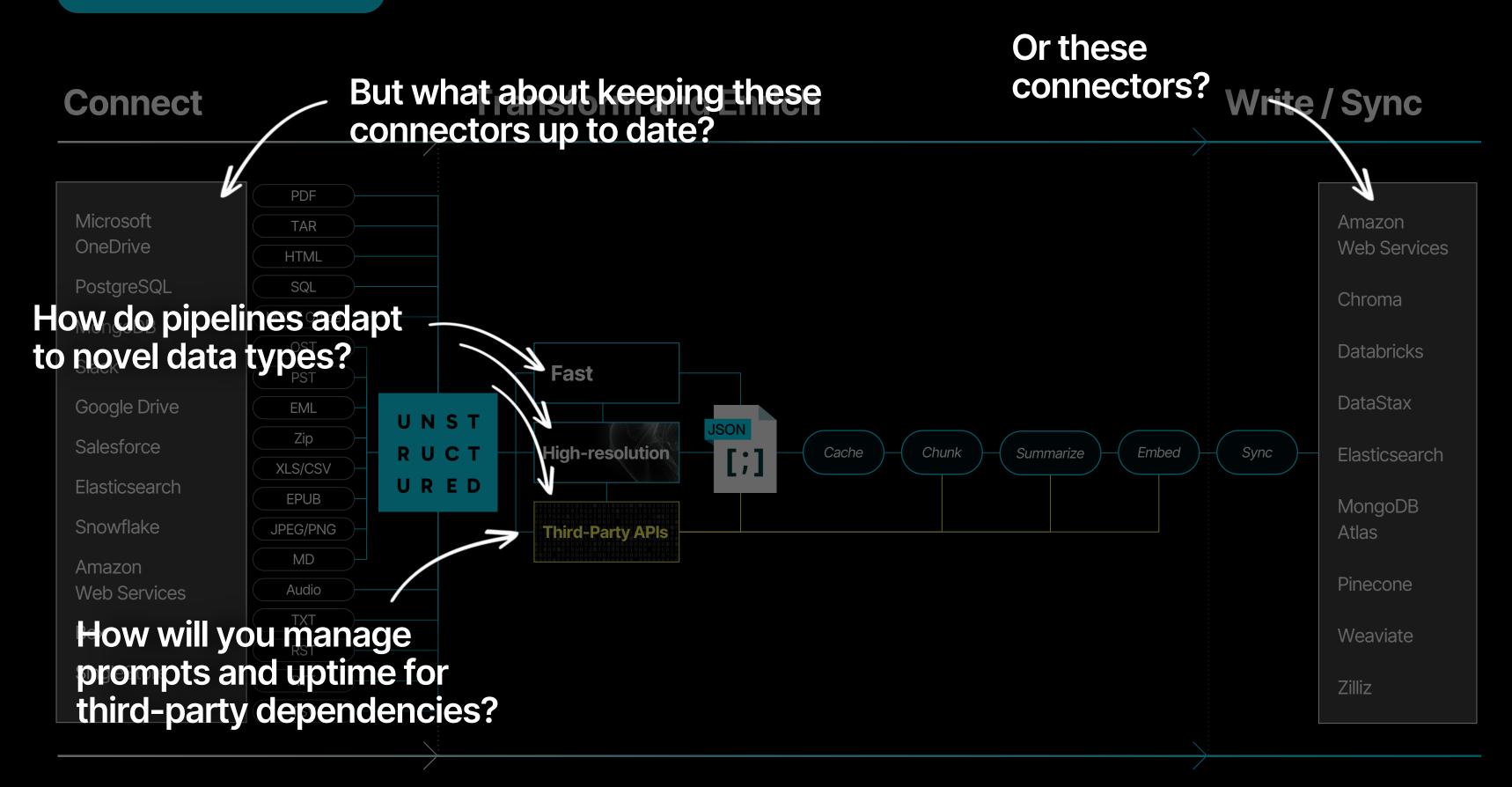




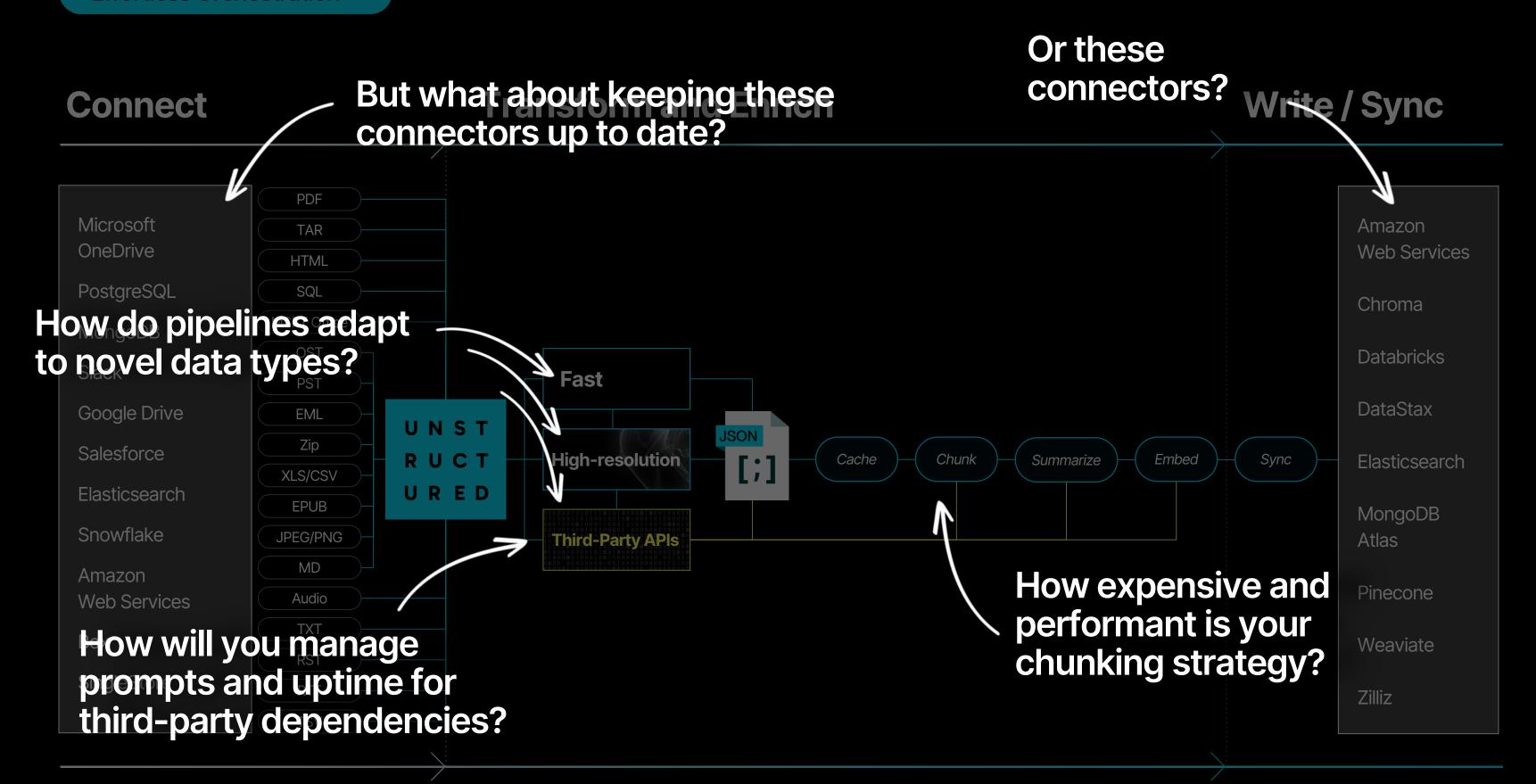




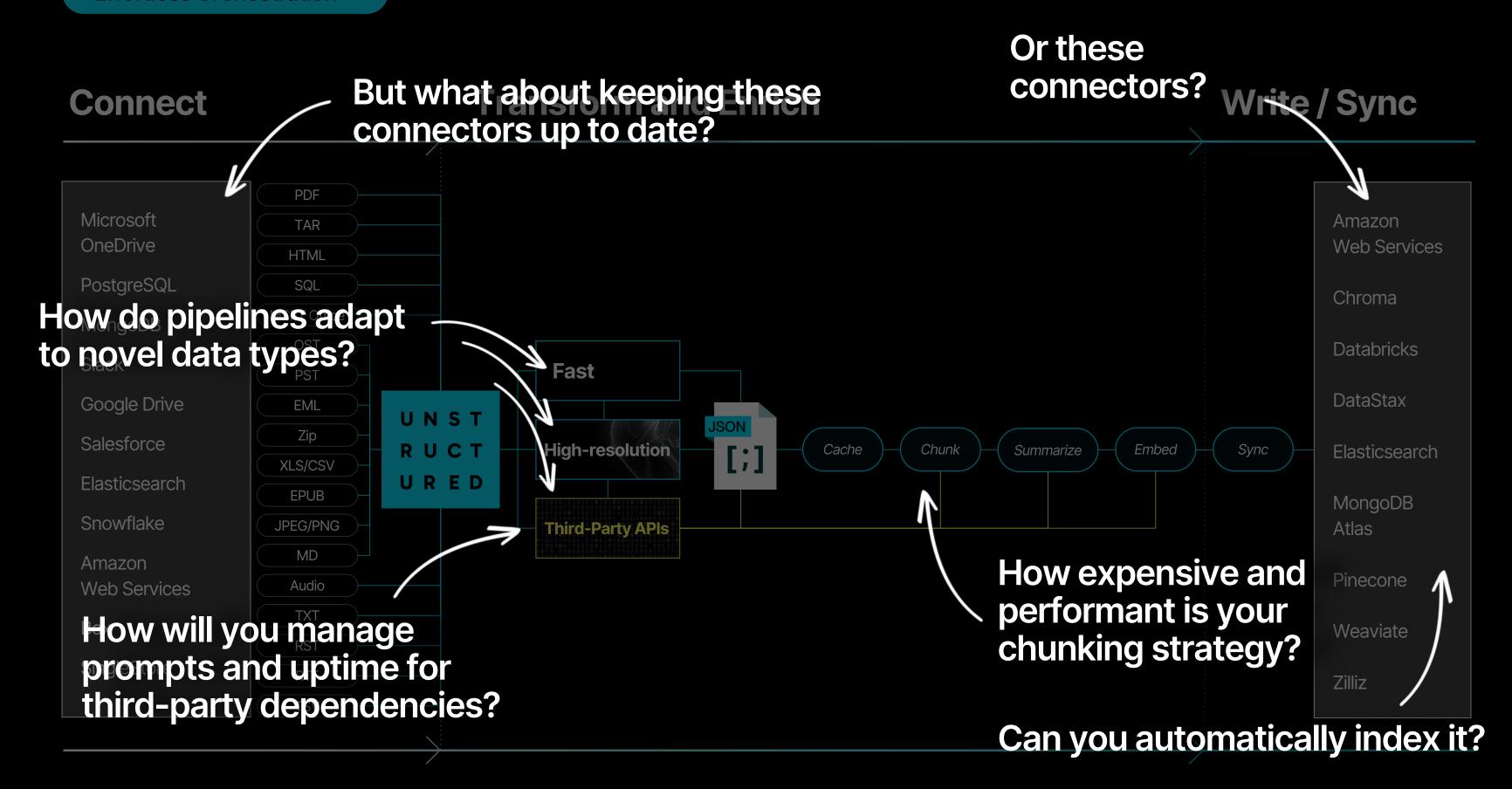




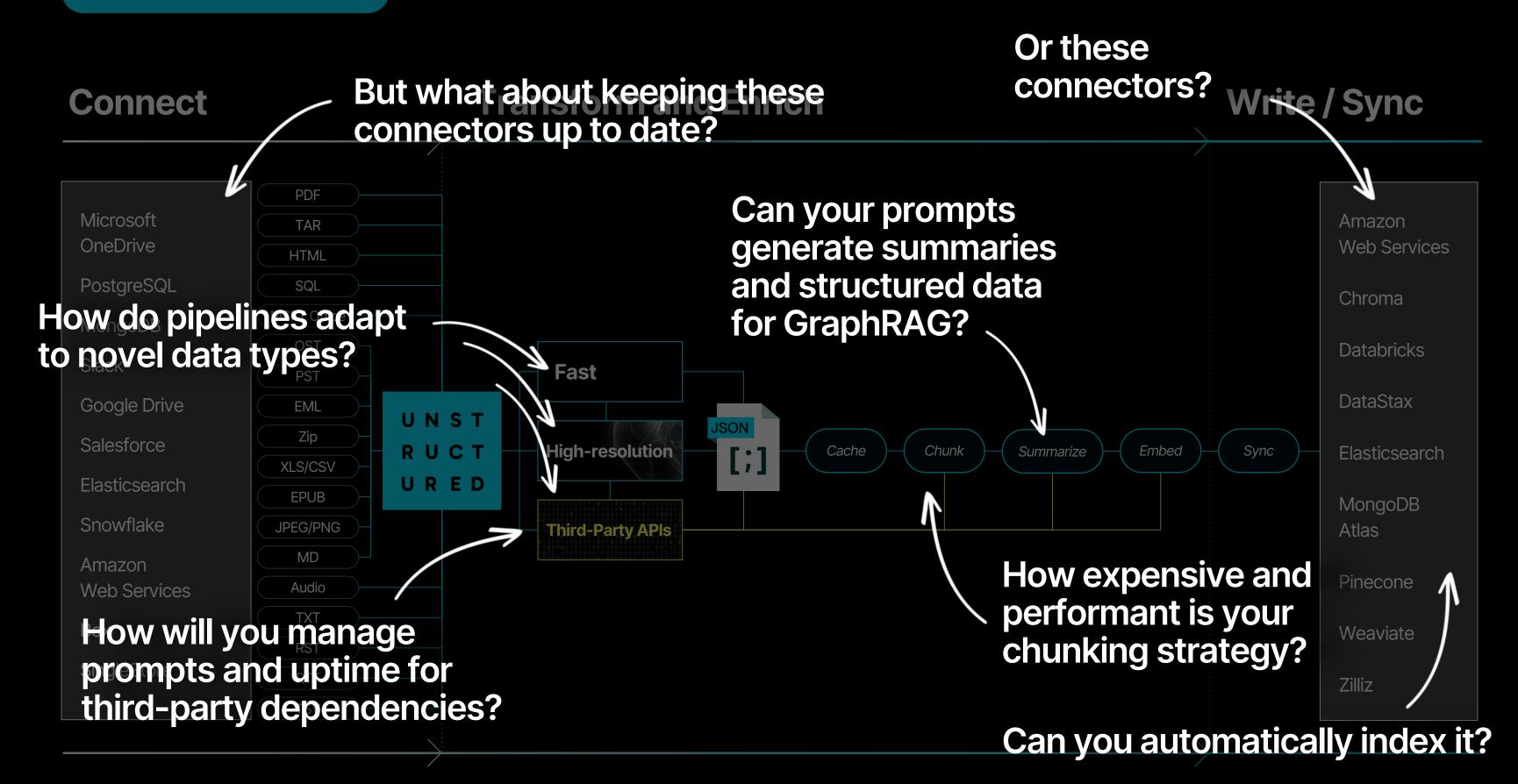




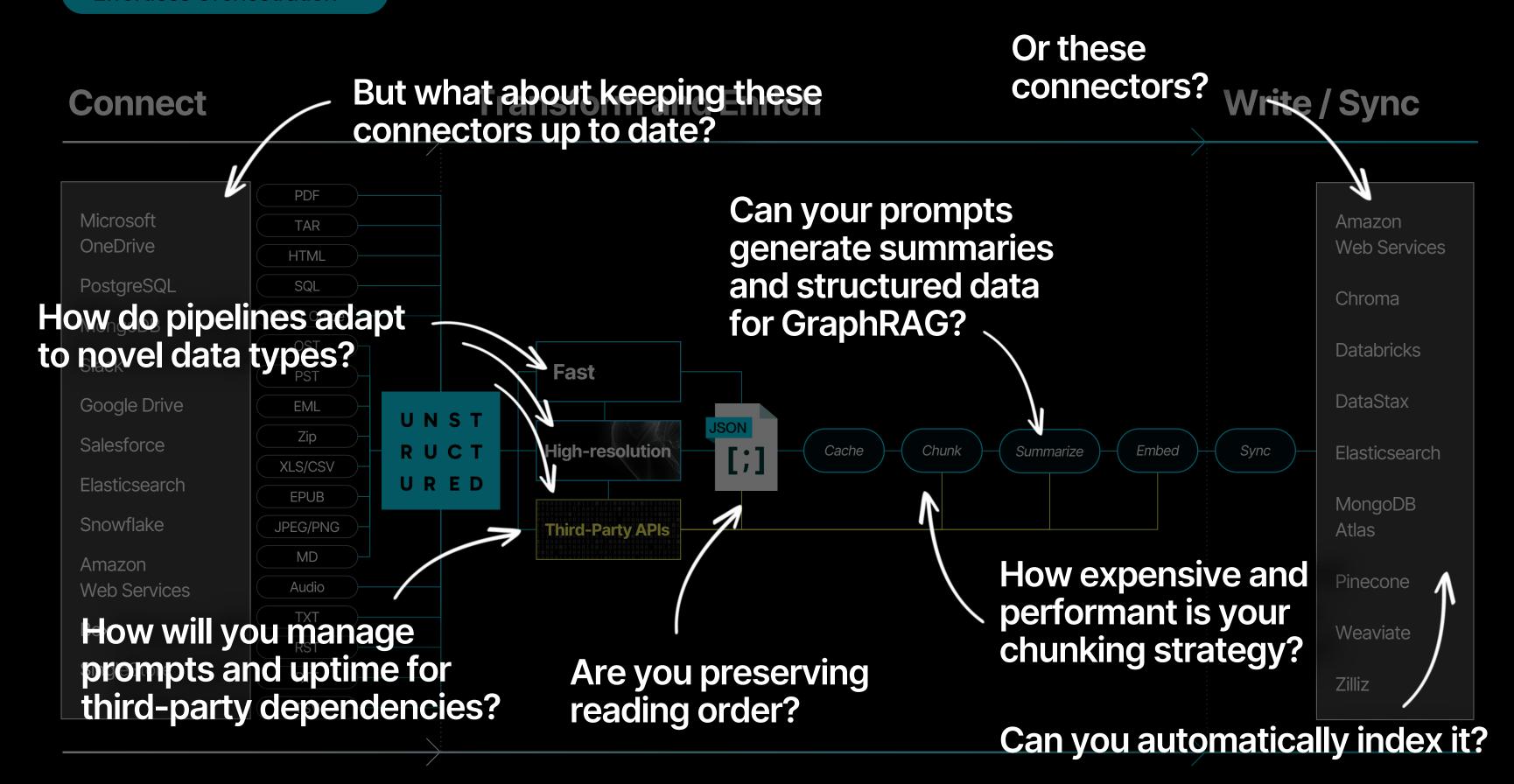




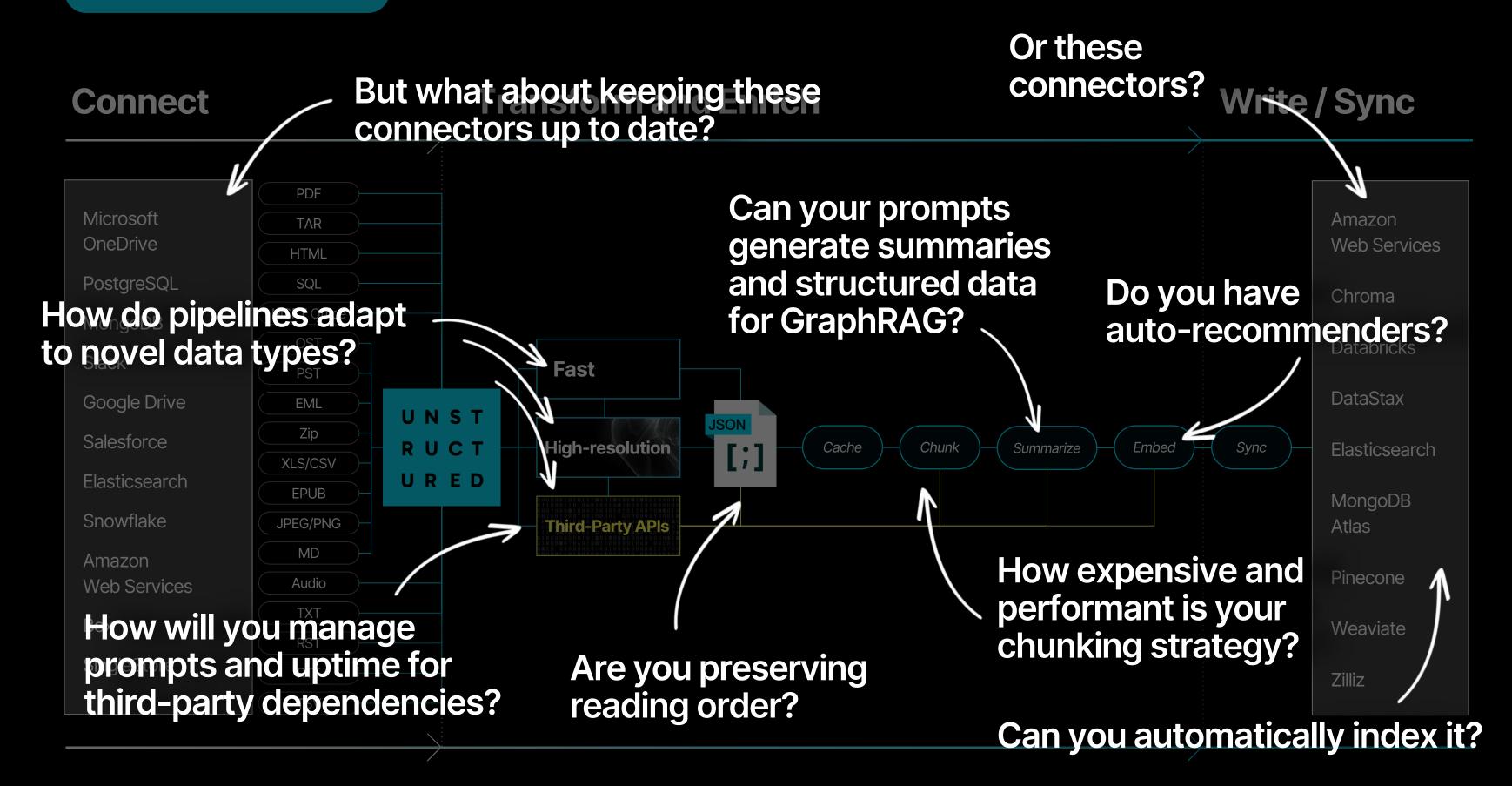




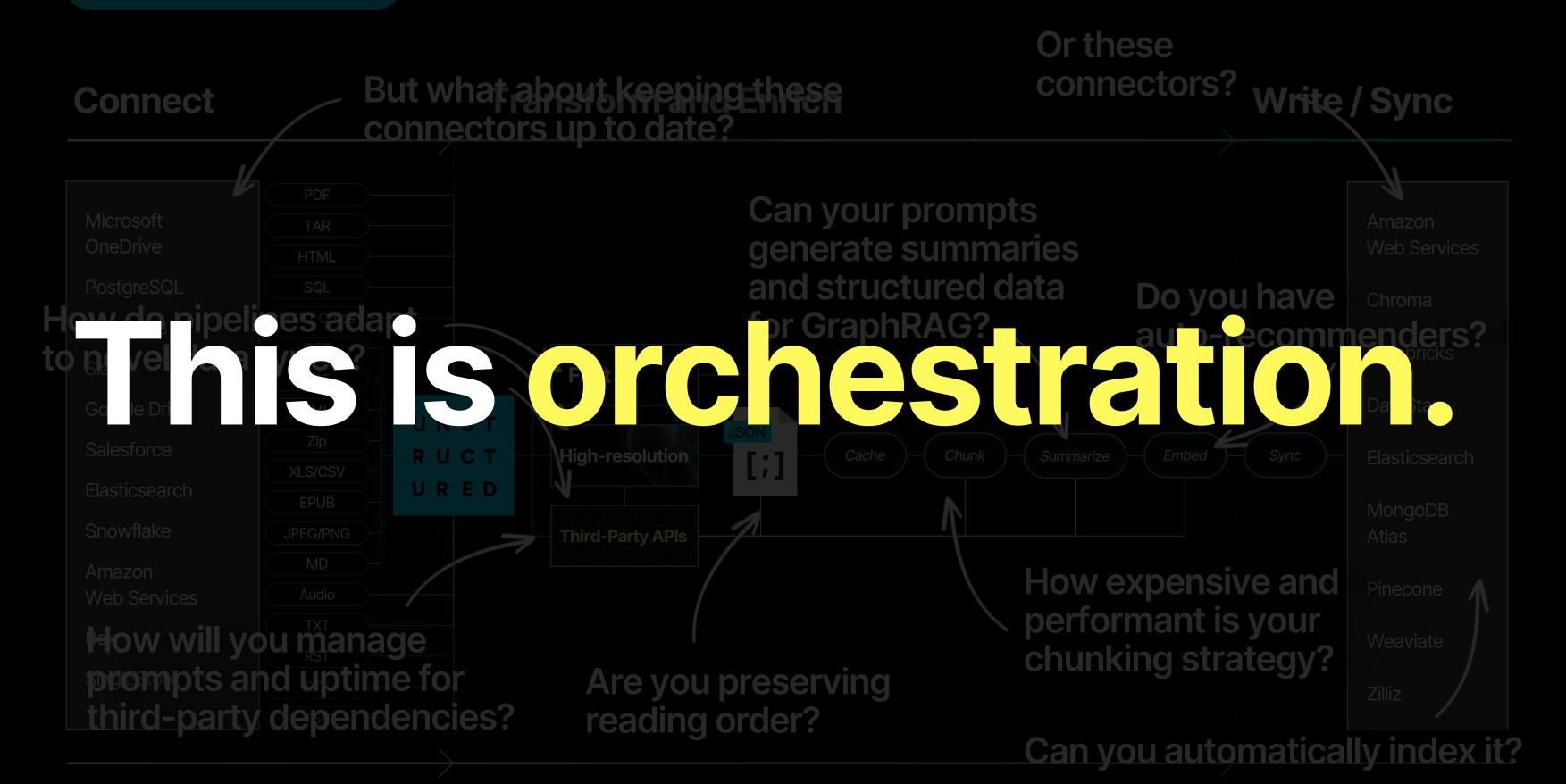












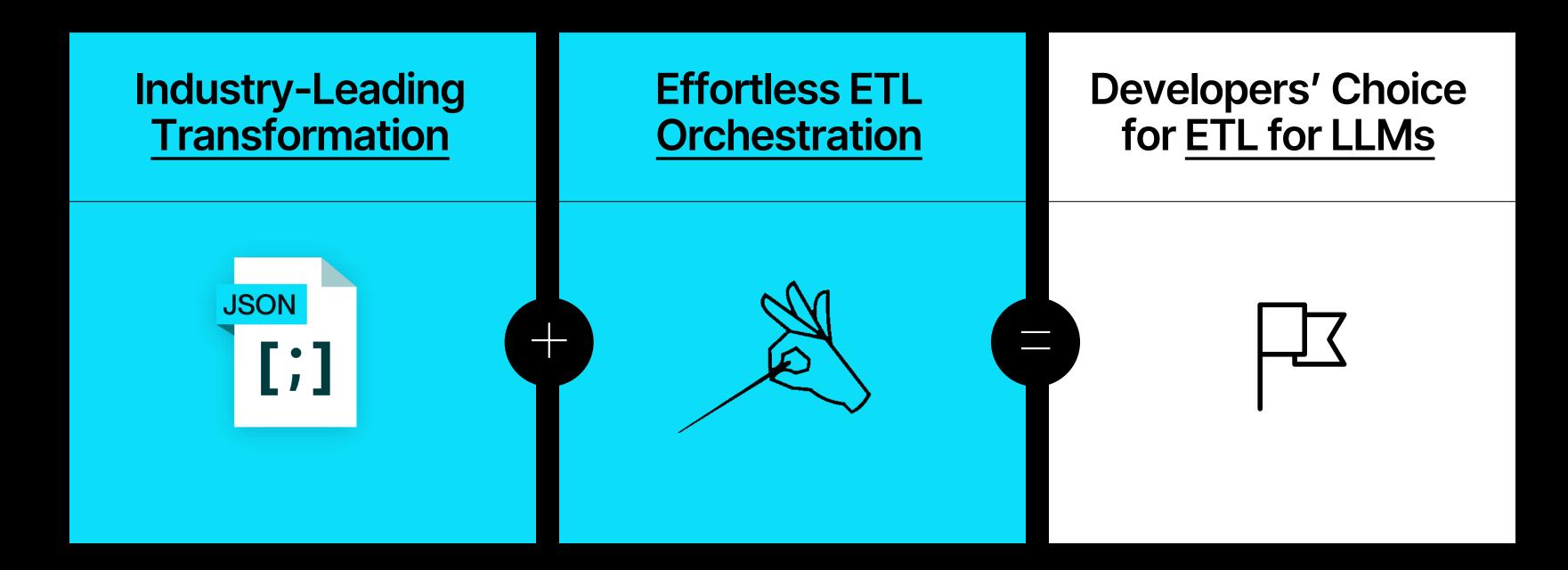


### Platform Demo



Why Unstructured

### Our special sauce.



U N S TR U C TU R E D

Whatever it is, we can structure it.



### Thank you!



https://unstructured.io



Please complete the session survey in the mobile app

