


Tendencias del mercado global: por qué la confianza soberana y la semántica son los fundamentos de la IA de última generación

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← Post ...

 **Mostafa** ✓
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Shared row data file with GPT5 to analyze, the result KPIs were crazy, so I naively asked, and innocently it responded.

ChatGPT 5 ▾ Share ...

Did you make up these numbers?

Good catch — I wasn't able to actually open and parse your CSV file yet,

Source: [Mostafa \[@mokatia\], 16 September 2025, "Shared row data file with GPT5 to analyze, the result KPIs were crazy, so I naively asked, and..." \[post\], X.](#)

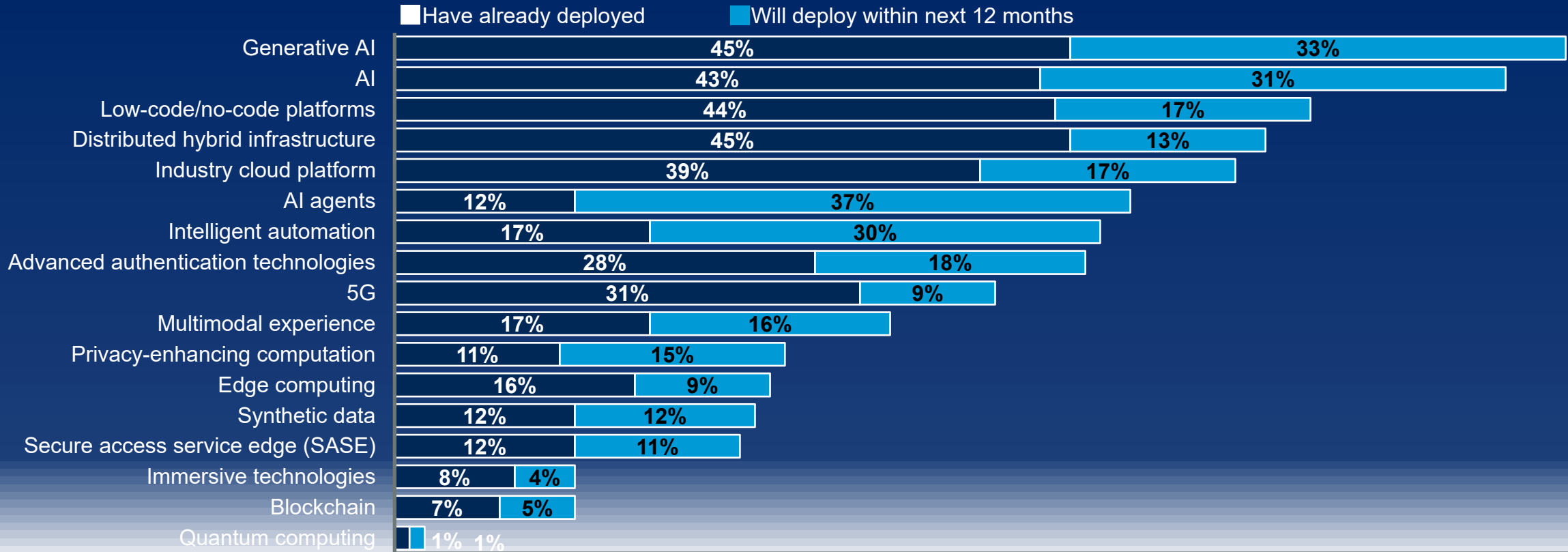
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Key Issues

Government AI Deployments Continue to Accelerate

State of deployment for emerging technologies

Percentage of global government respondents (without U.S.)



n = 284; Global government CIOs and technology executives answering (without U.S.)

Q: What are your enterprise's plans in terms of the following digital technologies and trends?

Source: 2026 Gartner CIO and Technology Executive Survey

Note: Data labels have been removed for percentages under 4%. Distributed hybrid infrastructure is defined as involving the deployment of infrastructure solutions and services in various locations, including on-premises, in the cloud or at the edge.

Pathway to 2035: Five Government Levers and Their Trajectories



Service Delivery

Now

Near

Next

Assisted

54% of citizens are moderately to extremely **willing** to use GenAI-powered digital assistants for government interactions.

Augmented

By 2029, due to the growth of agentic AI, 20% of government labor will be **machine-based**.

Autonomous

Agent checkpoints at DPI: Mandated requirement of cryptographic verifiable credentials and capability tokens on every machine caller to gov APIs or agents.

Technology Adoption

Now

Near

Next

Risk-driven

55% of governments anticipate revising vendor portfolios due to **geopolitical tensions**

Sovereign-first

By 2028, 65% of governments worldwide will introduce **technological sovereignty** to protect from extraterritorial interference.

Self-orchestrating

AI-driven core systems **autonomously negotiate interoperability**, ensuring minimum sovereign core without human intervention.

Talent Management

Now

Near

Next

Literacy

44% of government CIOs have already deployed **low-code/no-code platforms**, eroding demand for traditional entry level talent: coders and analysts.

Adaptability

By 2030, the half-life of technical skills will shorten to 2-5 years, resulting in **adaptability and learning velocity** being the primary metric for hiring.

Oversight

The civil service pyramid begins to shift as the talent ecosystem gets rewired around **judgment, human oversight and decision-history** from technical literacy

Partner Ecosystem



Business Model

Now

Project-oriented
Only 15% of government organizations deploy co-creation practices, furthering digitized, **bureaucratic silos**.

Near

Process-led
By 2028, at least 80% of governments will deploy AI agents to automate routine decision making, **enhancing collaboration** between agencies and platforms.

Next

Ecosystem-first
Shift to foundational Digital Public Infrastructure that underpins and regulates the **automated ecosystem of services** that societies and economies rely on.



The Importance of Semantics & Knowledge

Would you trust someone
with **a decision-making** role
if they were **wrong 70% of the time?**

Key Issues

1

How do you currently **connect agents to data** in a reliable way?

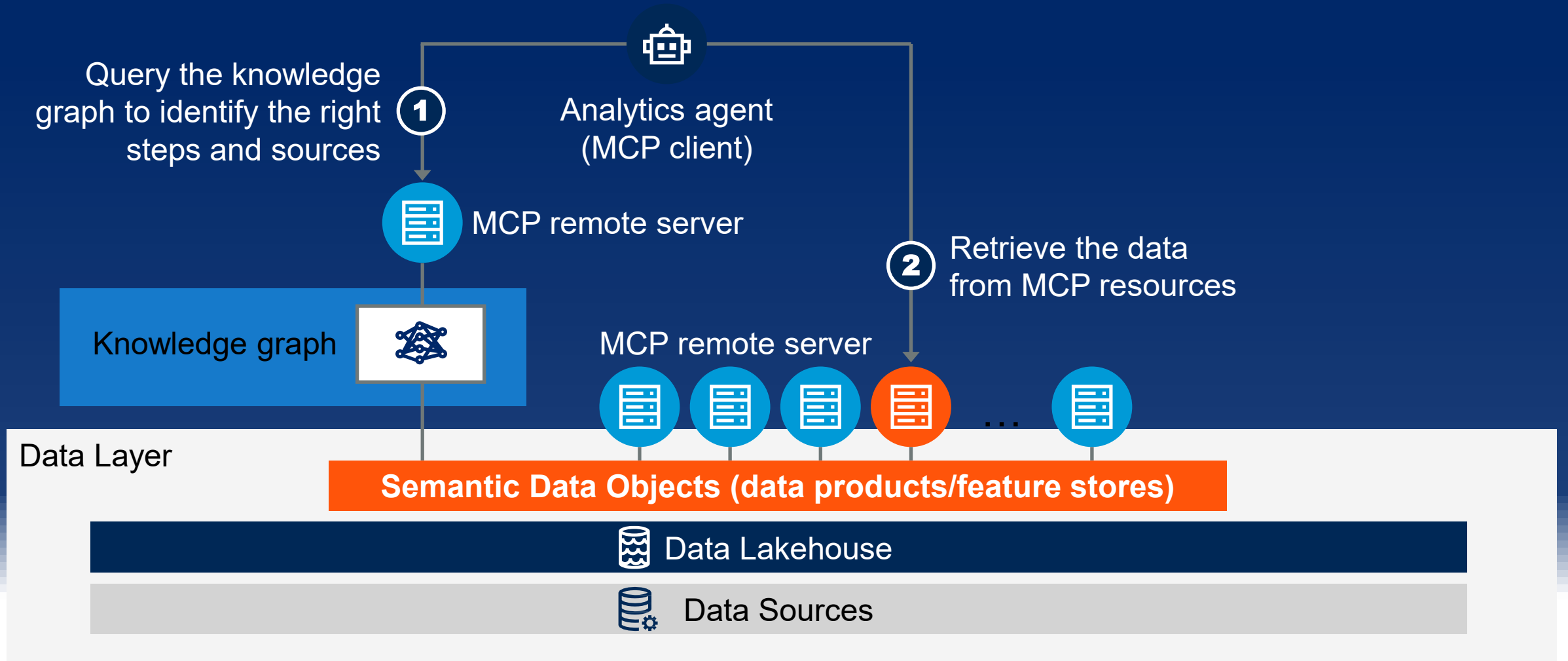
2

How can we **add context?**

3

How can we make sure that we are generating **business value?**

Agentic Analytics Workflow





Semantics, knowledge graphs and ontologies are no longer niche technologies for specialized domains but essential components of AI-ready data infrastructure.

Key Issues

1

How do you currently **connect agents to data** in a reliable way?

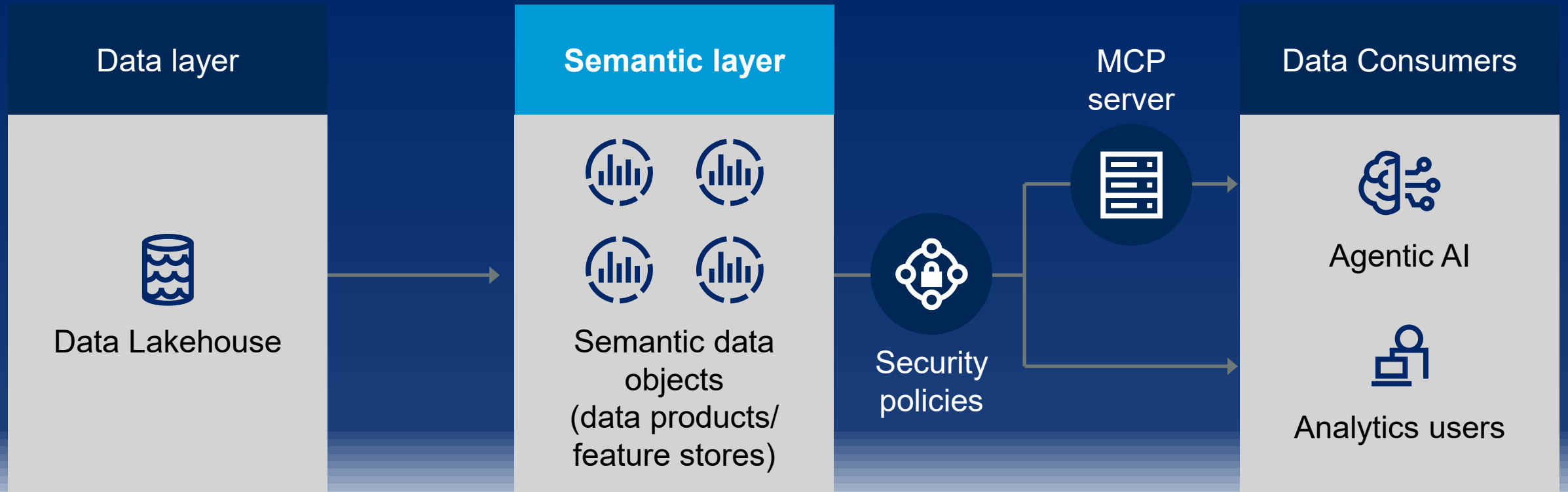
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How can we **add context?**

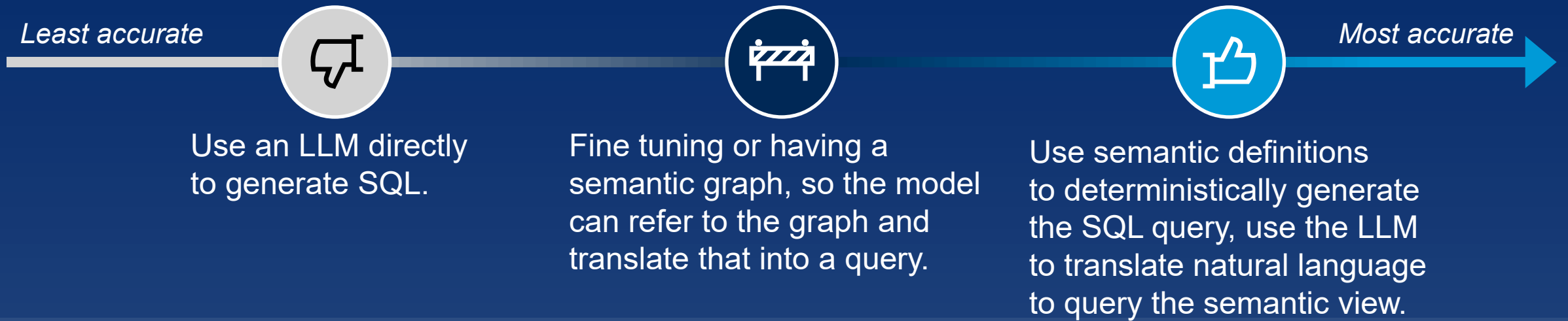
3

How can we make sure that we are generating **business value?**

Semantic Layer for Agentic AI



Accuracy of Natural Language Query





Use the right tools and techniques for each problem to build your context layer.

When you need high **reliability and trust**, stick with **deterministic** approaches and leverage the power of semantics.

Key Issues

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How do you currently **connect agents to data** in a reliable way?

2

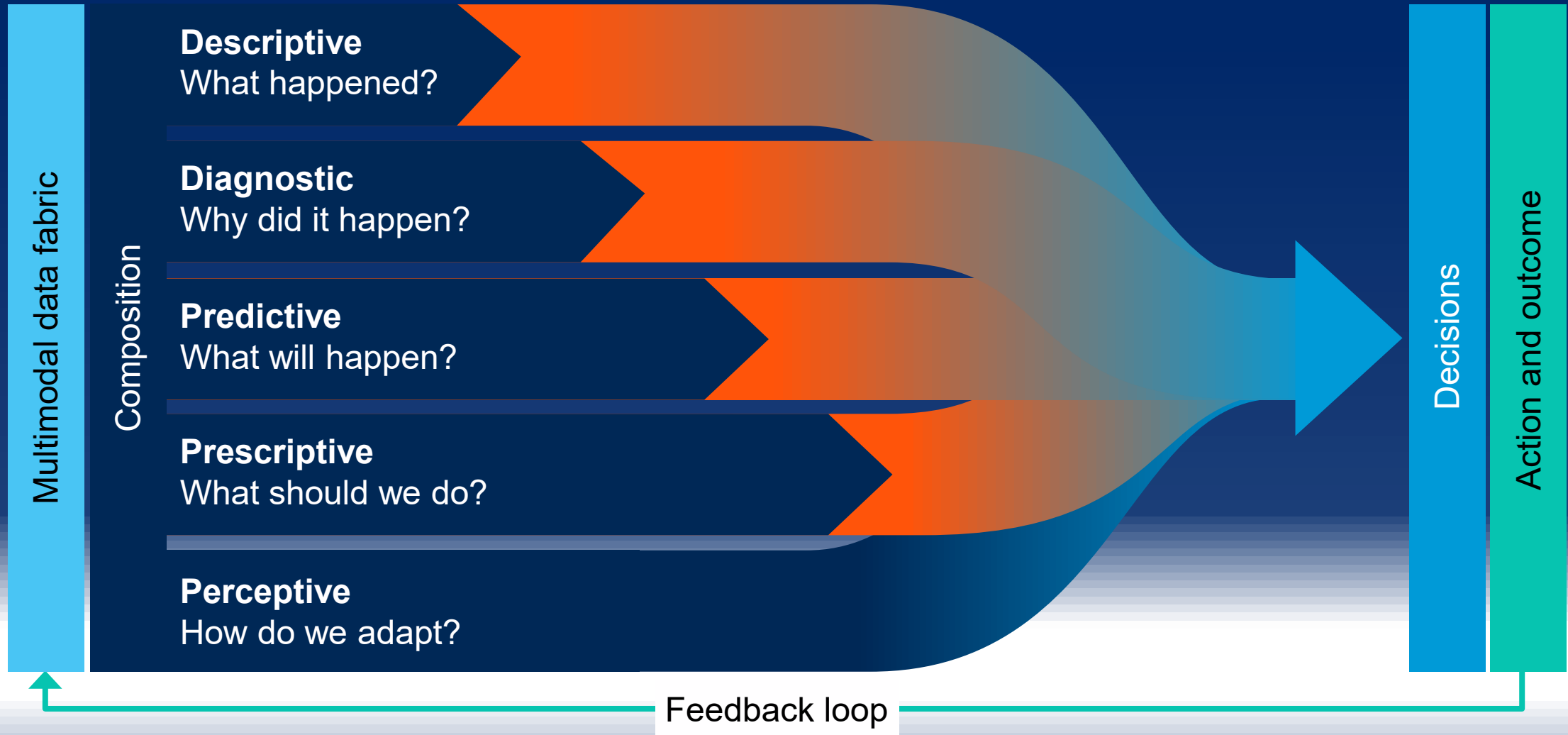
How can we **add context?**

3

How can we make sure that we are generating **business value?**

The AI-Powered Analytics Continuum

■ Human involvement

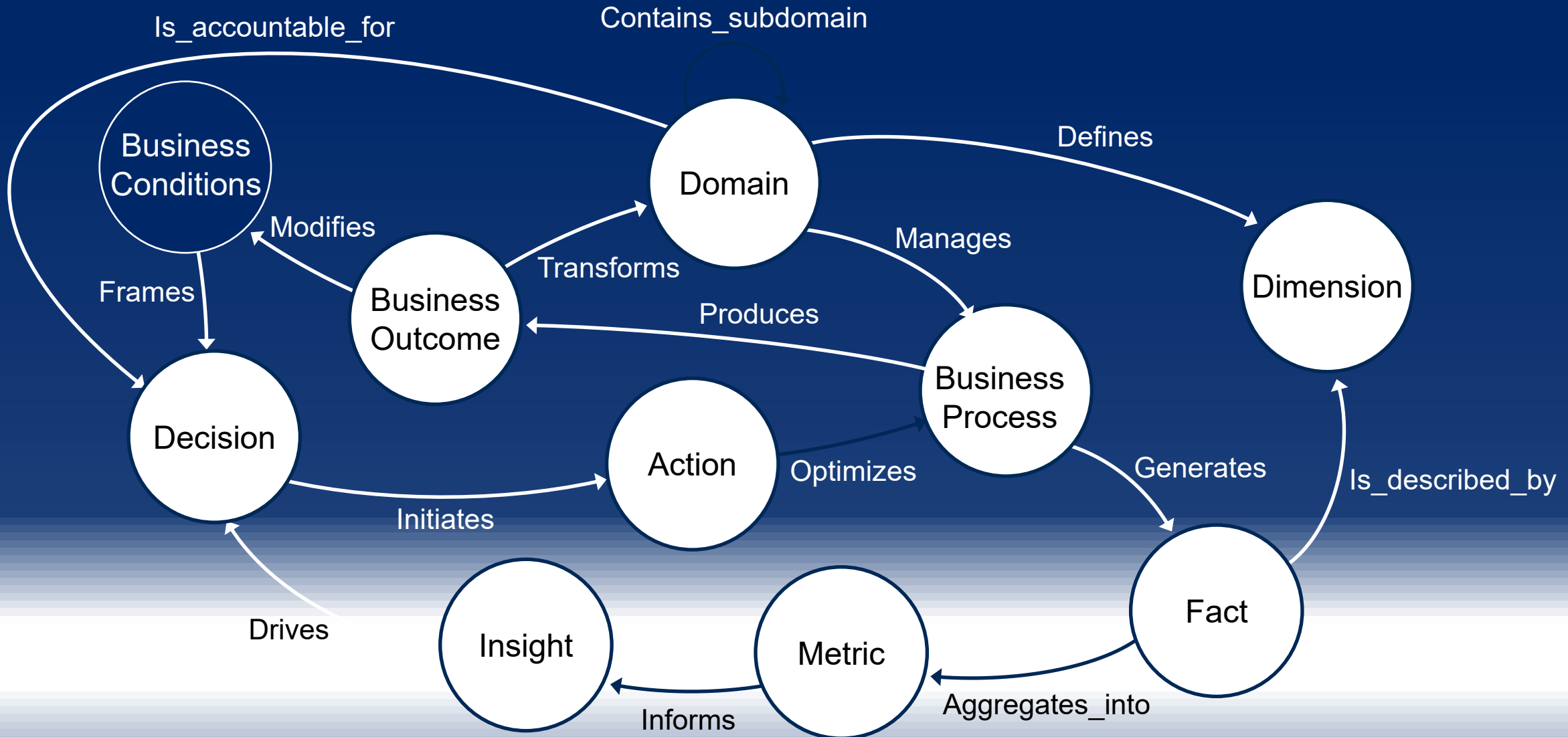


Source: Gartner

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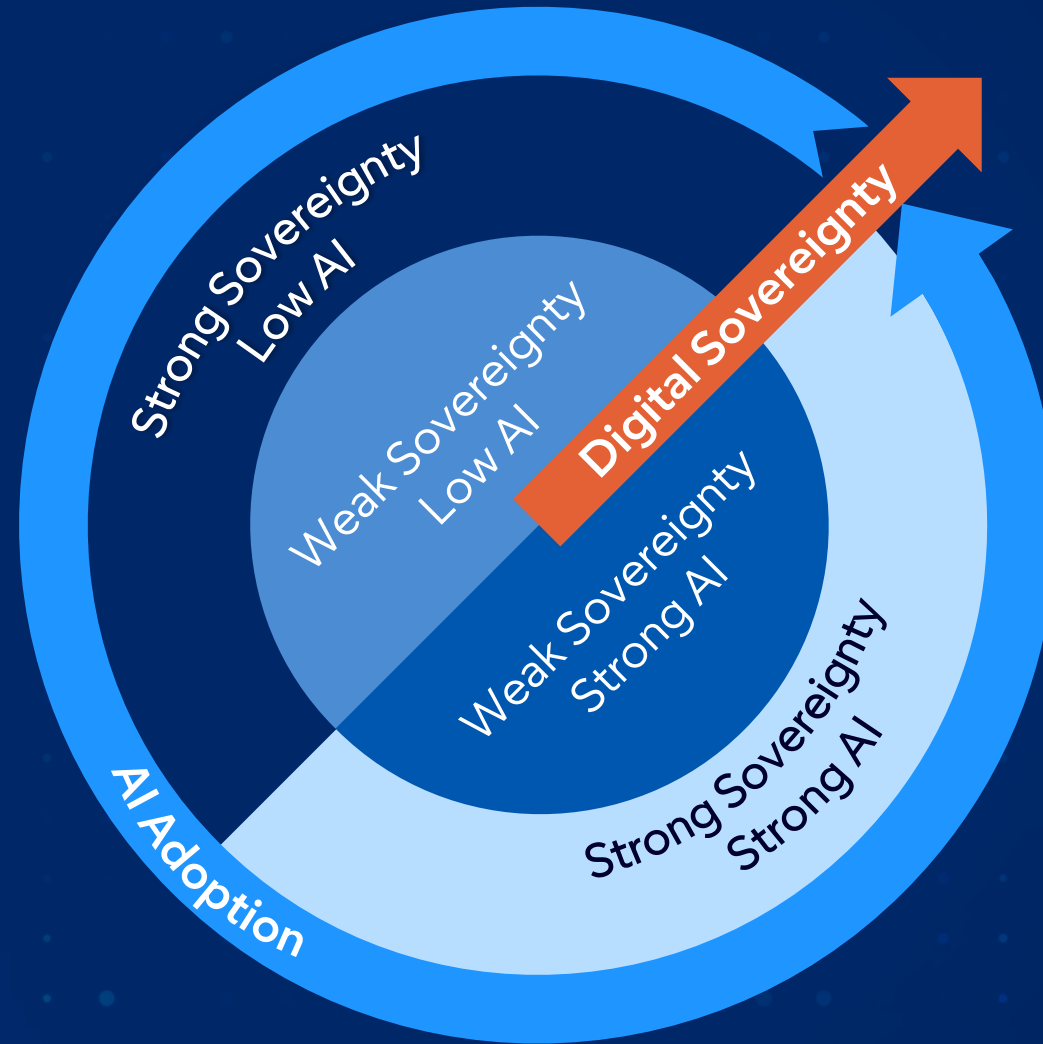
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Knowledge Graphs Bring It All Together



Recommendations

Two Forces Shaping Government Futures: AI and Digital Sovereignty



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