

Business Observability

And why it all starts with Engineering Maturity



OBSERVABILITY
FORUM FINLAND



PRESENTER

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Dynatrace

Agenda

- What is the Business?
- What is Observability?
- Control VS. Dependency
- The Observability Maturity Pyramid
- Common Pitfalls
- What GOOD looks like



What is the BUSINESS?!

- **Non-technical, outcome-driven side of the organization.**
- **Cares about revenue, customer experience, growth, and operational efficiency**, rather than infrastructure, code, or system uptime.



- The **Business** is the **outcome of all we build**. If we don't connect tech with outcomes, we fail.
- This connection is what **Observability and Control ultimately support** – it's not just monitoring tech, is enabling the business.

Technical Event	Business Impact
API latency in checkout	Drop in conversion rate
Inventory sync failure	Out-of-stock errors on site
CDN outage in a region	Revenue loss in that market
Slow product page load	Bounce rate increase
Payment gateway errors	Abandoned carts

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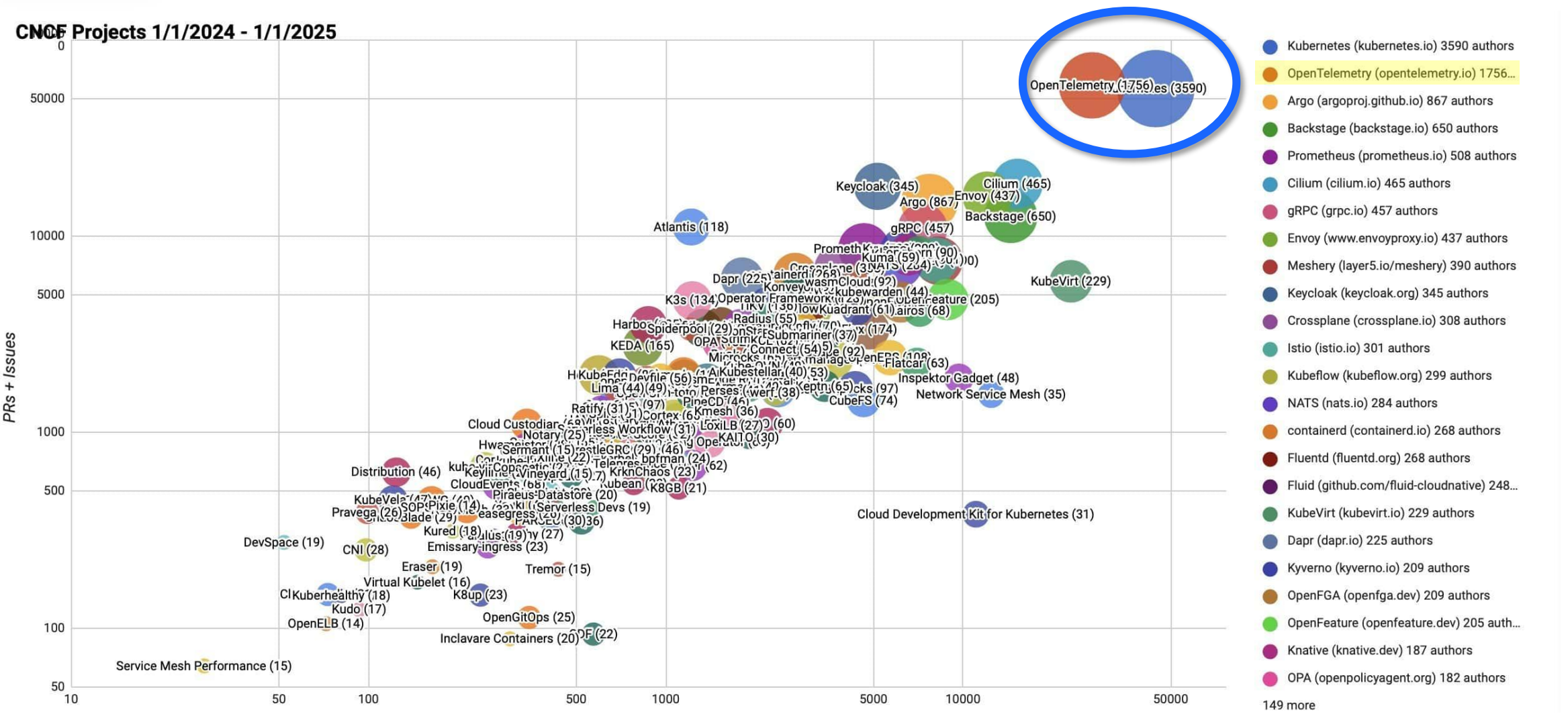


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*"Modern companies are no longer defined by their industry, but by their ability to **deliver digital experiences** within that industry."*
- Miguel Balsa

What is Observability?



Control vs. Dependency: The Observability Challenge

- **Own your data** and insights to adapt fast.
- **Dependency** on external platforms (like legacy ERP) **slows innovation and blindsides businesses.**
- Control the **observability stack** to control the future.
- Tooling \neq Maturity, Dashboards \neq Insights

amazon

moderna

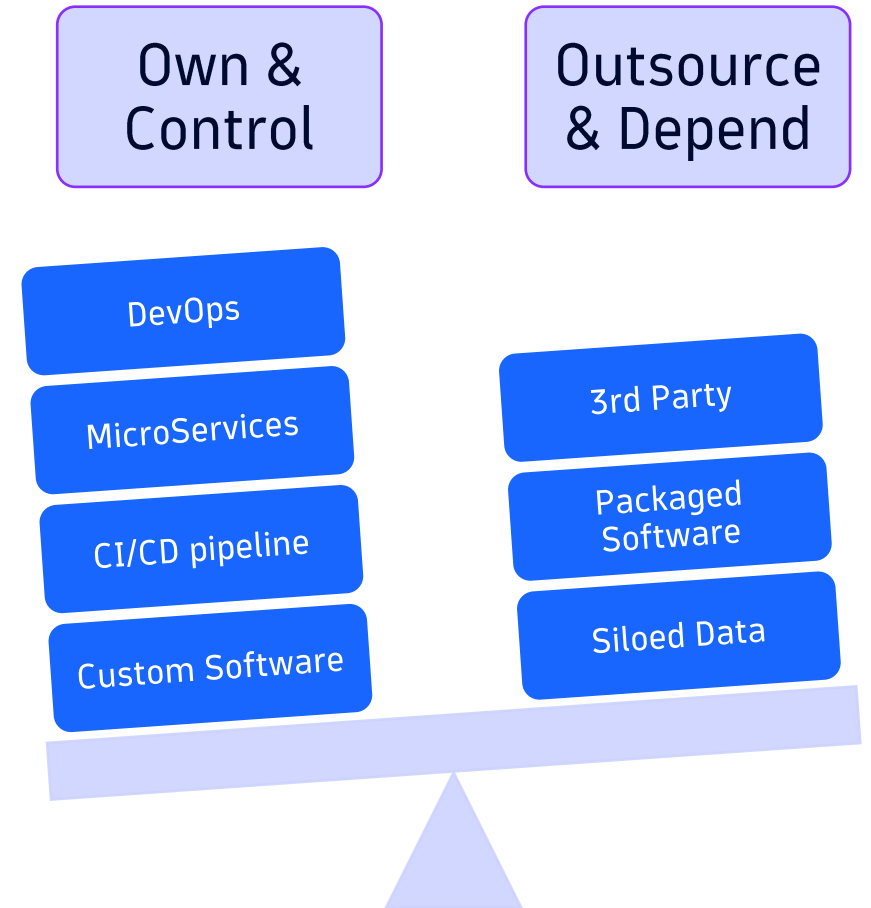
NETFLIX

Spotify



TESLA


Business observability isn't a layer you buy—it's a capability you build.

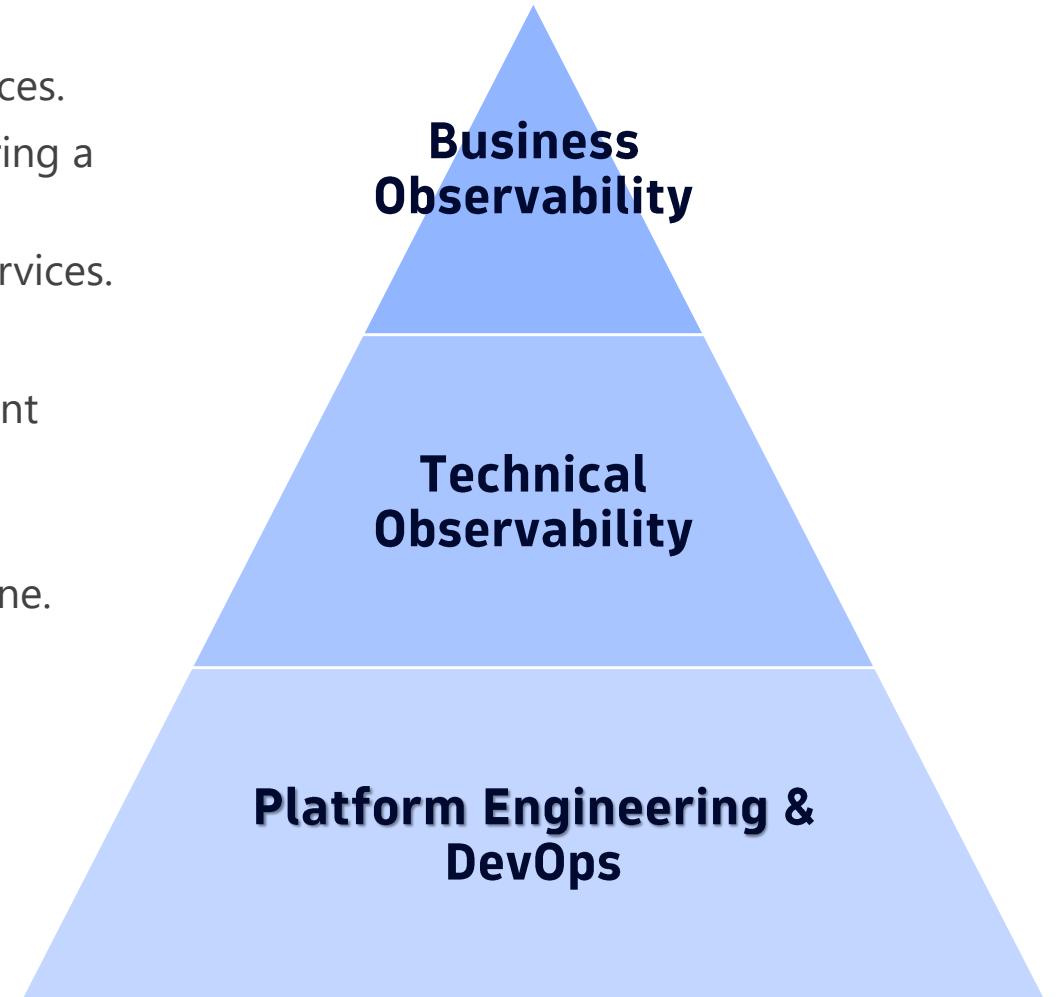


The Observability Maturity Pyramid – Tools & Capabilities

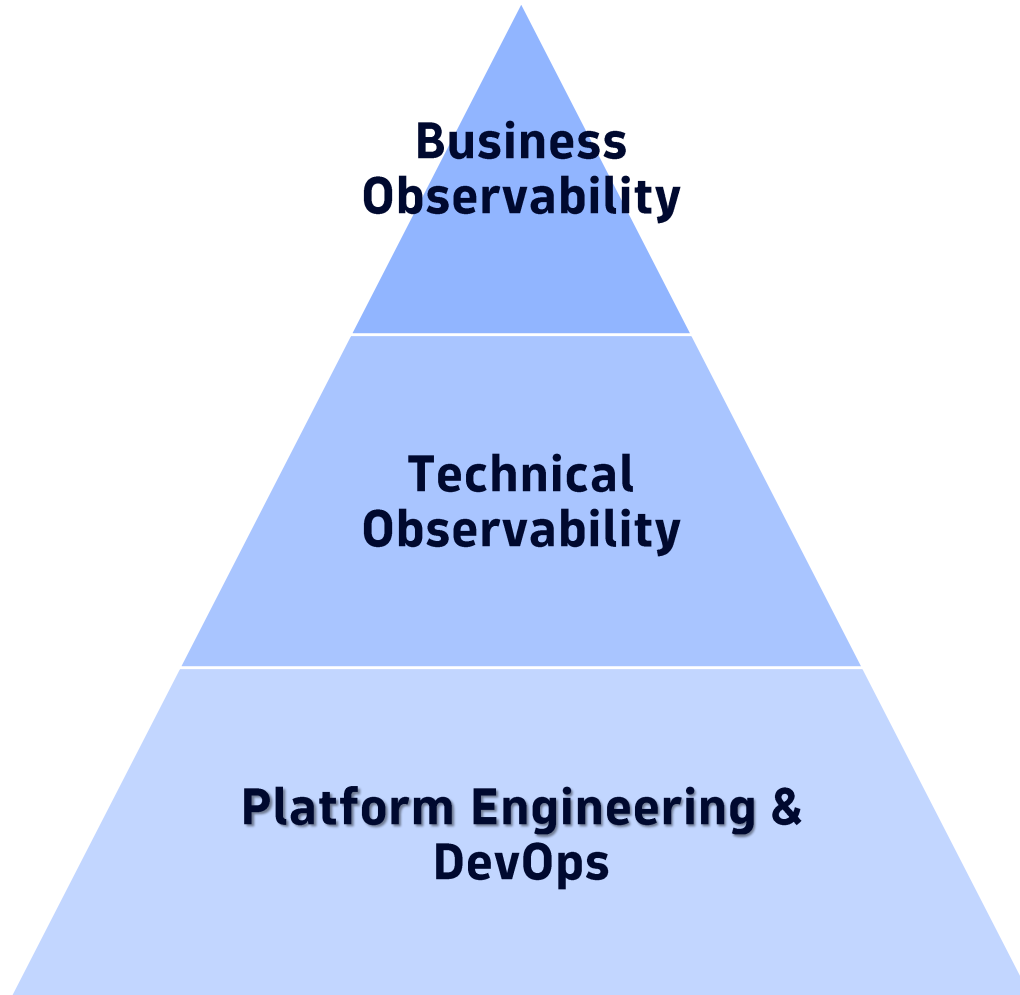


The Observability Maturity Pyramid – Metrics & Activities

- 
- **Cart abandonment spike** traced to a frontend bug on iOS devices.
 - **Revenue drop** correlated with a slow-loading product page during a campaign.
 - **Customer churn** linked to repeated failures in order tracking services.
 - **Tracing a slow checkout** to a specific microservice (e.g., payment gateway latency).
 - **Monitoring API error rates** during a flash sale.
 - **Detecting memory leaks** in the product recommendation engine.
 - **Blue/Green Deployments** for checkout services to avoid downtime during peak sales.
 - **Self-service environments** for marketing teams to test landing pages without engineering bottlenecks.
 - **Feature flag systems** to roll out promotions gradually and safely.



The Observability Maturity Pyramid – Business Outcomes



Business observability turns engineering from a cost center into a strategic partner. It helps **prioritize incidents based on business impact**, not just technical severity.

Technical observability helps you answer “**what went wrong?**” but not always “**how much did it cost us?**” That’s where business observability comes in.

Without a stable and standardized platform, **telemetry is inconsistent and hard to trust**. Business observability built on shaky infrastructure is like building a castle on sand.



Common Pitfalls - Been there, Done That!

- **Tool-First Mentality**

- *"We bought the best observability platform—why aren't we getting insights?"*

- **Siloed Teams and Data**

- *"Engineering owns the data, but business owns the questions."*

- **No Business Context in Telemetry**

- *"We have traces, but we don't know which ones matter."*

- **Over-Alerting and Noise**

- *"We get 500 alerts a day. We ignore most of them."*

- **Lack of Ownership**

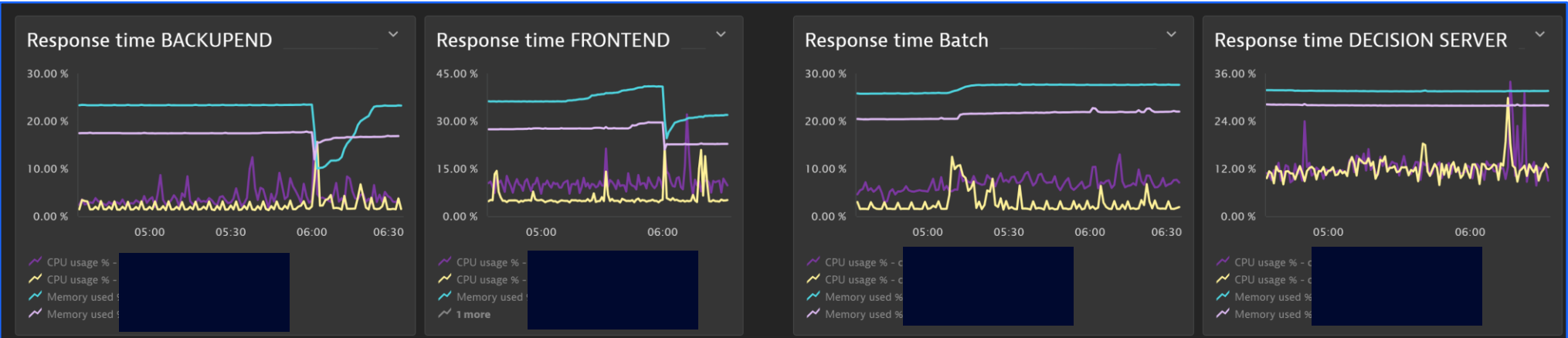
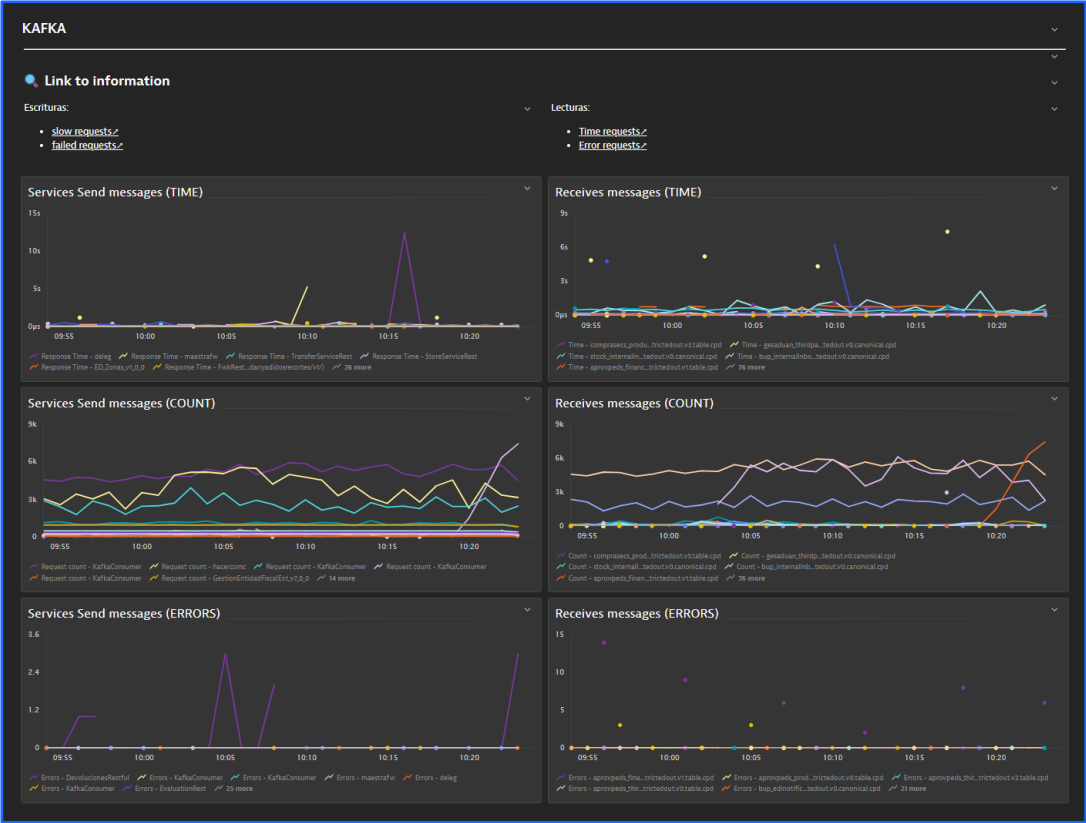
- *"Whose job is it to care about business observability?"*

- **Chasing Vanity Metrics**

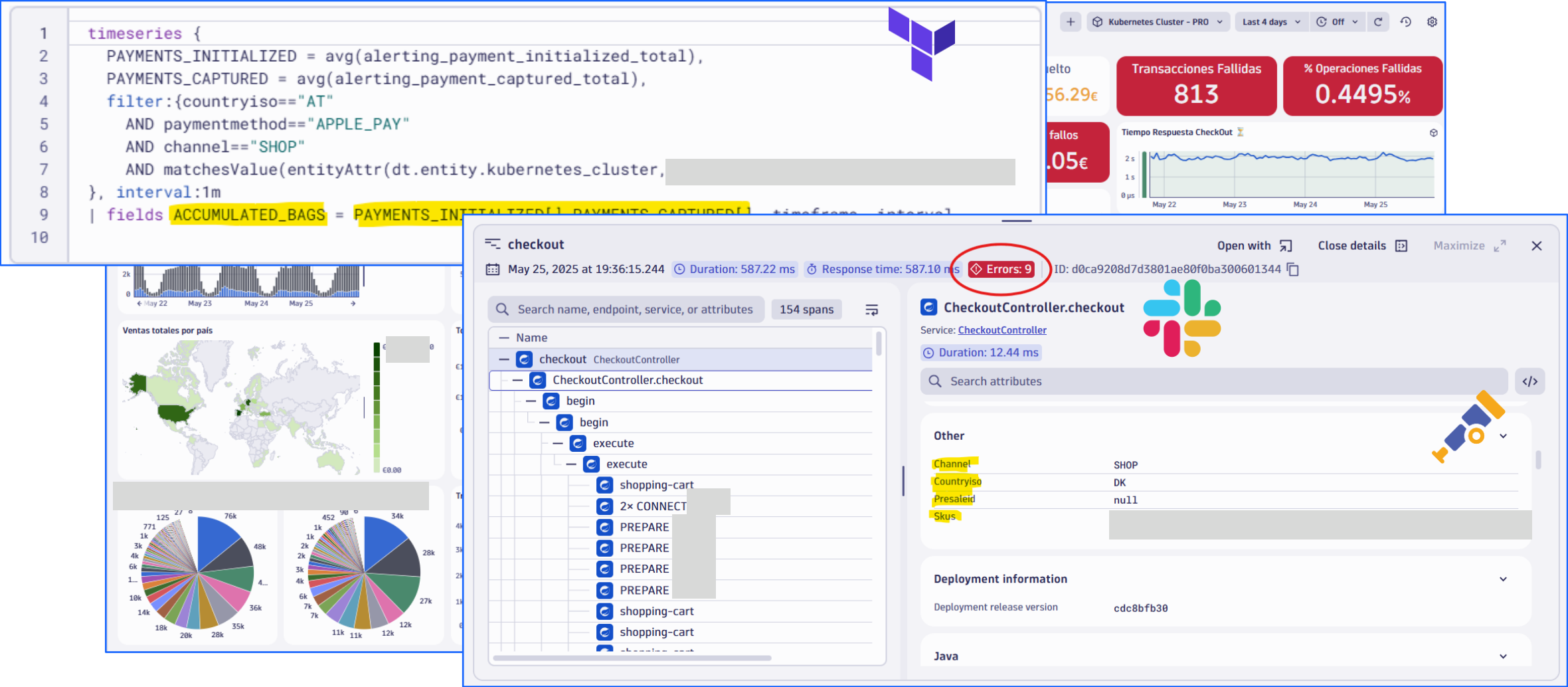
- *"Our dashboards look great, but we're still losing customers."*



What 'starting' looks like.



What Good Looks Like



What Good Looks Like

checkout

May 25, 2025 at 19:36:15.244

Duration: 587.22 ms

Response time: 587.10 ms

Errors: 9

ID: d0ca9208d7d3801ae80f0ba300601344

Open with

Close details

Maximize

Search name, endpoint, service, or attributes

154 spans

Name

checkout CheckoutController

CheckoutController.checkout

begin

begin

execute

execute

shopping-cart

2x CONNECT

PREPARE

PREPARE

PREPARE

PREPARE

shopping-cart

shopping-cart

shopping-cart

CheckoutController.checkout

Service: CheckoutController

Duration: 12.44 ms

Search attributes

</>

Other

Channel

Countryiso

Presaleid

Skus

SHOP

DK

null

Deployment information

Deployment release version

cdc8bfb30

Java

Call to Action: Build **Before** You Buy

Invest in Foundations First

Establish **robust software architecture** (microservices, APIs).

Prioritize **data quality and governance** from the start.

Build a **DevOps mindset** with automation and CI/CD pipelines.

Create a **scalable, observable** infrastructure.

Make Observability a Culture, Not a Tool

Shift-left observability into the development lifecycle.

Foster **cross-team collaboration** around metrics and insights.

Promote a “**you build it, you monitor it**” philosophy.

Emphasize **real-time feedback loops** and continuous learning.

Align Around Business Impact

Tie observability metrics directly to business.

Prioritize insights that drive **decisions and innovation**.

Focus on **resilience and agility**, not just uptime.

Make **data-driven decision-making** a core value.

Start Small, Scale Smart

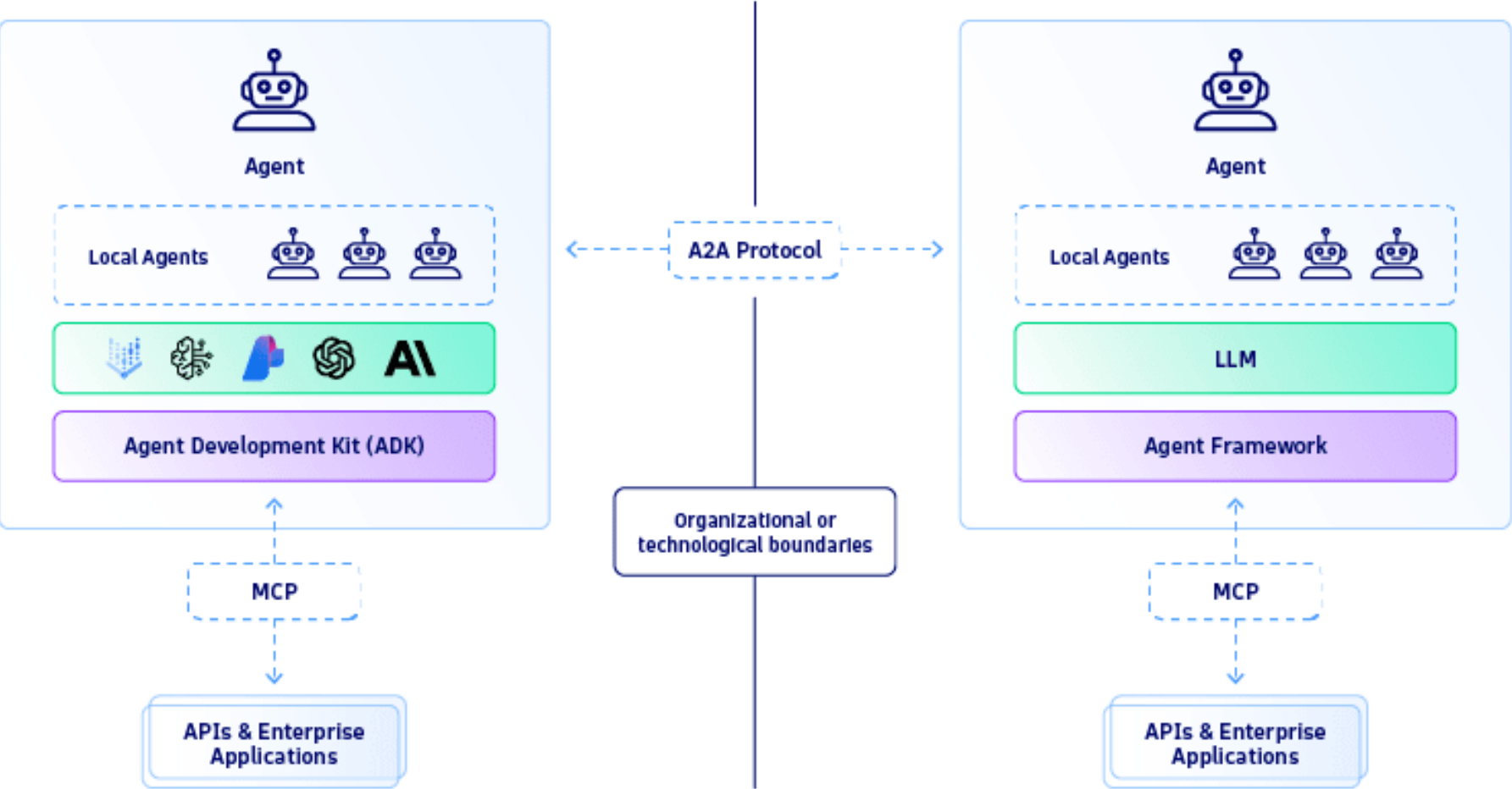
Begin with a **focused use case** or pilot project.

Build **lightweight, modular** observability solutions.

Iterate quickly and adapt as complexity grows.

Scale successful patterns across the organization.

Before you leave... Agentic AI



 **mcp-atlassian** Public

 **azure-mcp** Public

 **cloud-run-mcp** Public

 **dynatrace-mcp** Public

 **mcp** Public

 **github-mcp-server** Public

Open Discussion



Hands-On Session: Root-Cause Challenge

Today's Scenarios

- Root-cause Analytics
- Logs-based Incidents Analytics
- Davis Anomaly Detectors
- Auto remediation

