

Fiveonefour

Tools built to accelerate software
developers working on data engineering
workloads





Joj

Product / AI Product

- ✓ Operating Partner @ Point72 Ventures
- ✓ Product @ Nike
- ✓ Product @ Datalogue
- ✓ Derivatives/Financial Services Lawyer @ KWM



Nico

Engineering

- ✓ Sr. Dir. of Eng @ Nike
- ✓ Head of Engineering @ Datalogue
- ✓ Co-founder, CTO, GitLinks (Acquired by Infor)
- ✓ Full-stack JavaScript Engineer, Linkurious SAS



Sorry, I couldn't make it.
Joj is the funny one
anyway...

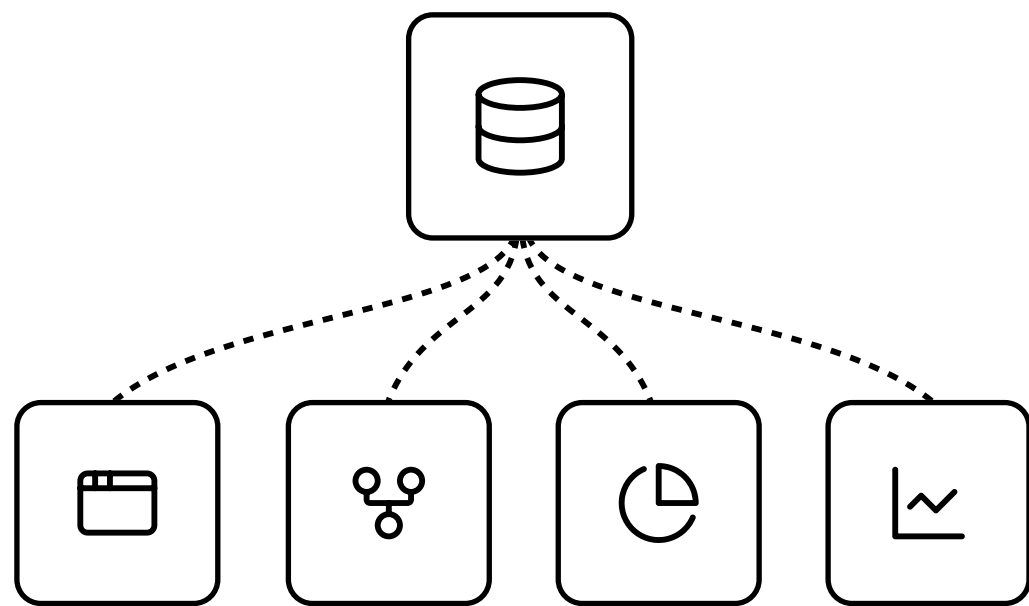
Products

We help dev teams build extraordinary data-intensive features, products and solutions without growing headcount or hiring data specialists.

<> Moose

Turn data into products. Open source data engineering framework for data pipelines, warehouses, APIs, and user-facing experiences.

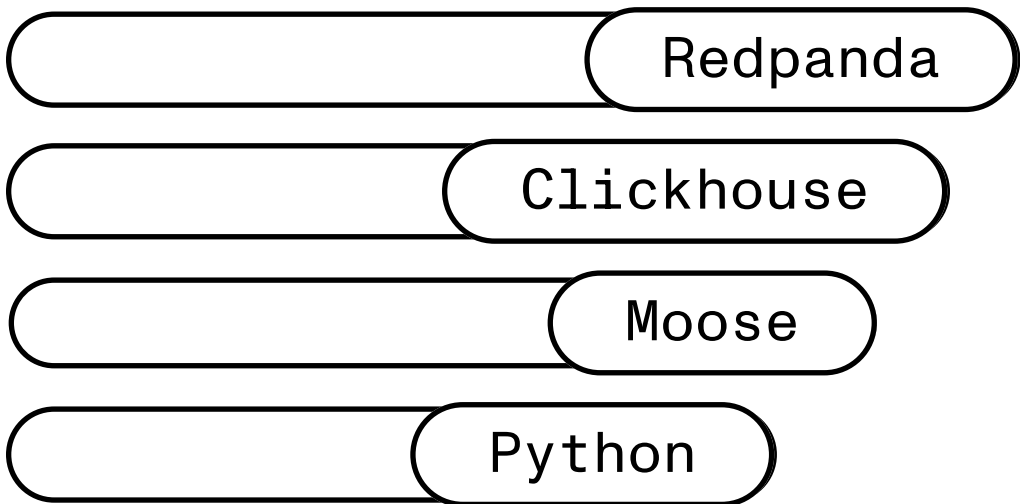
- ✓ Production grade data pipelines in Typescript & Python
- ✓ Abstractions from ingestion to insights



☁ Boreal

Cloud hosting platform for data-intensive applications. Quickly, securely and scalable get your data-intensive application into production.

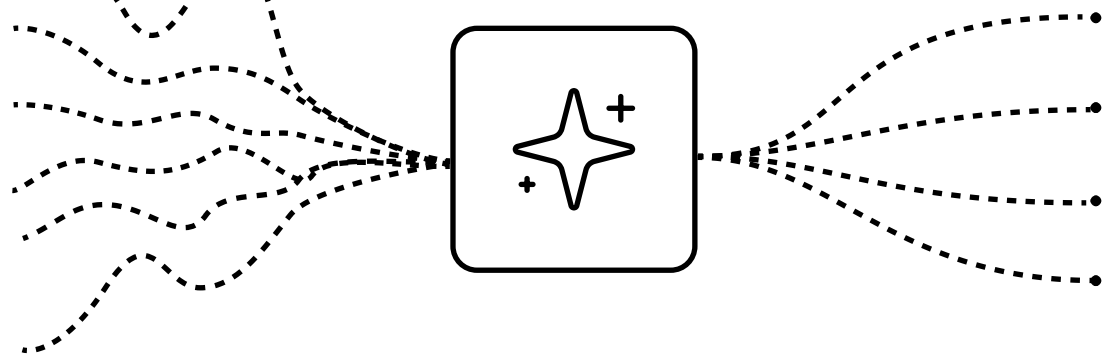
- ✓ Managed infrastructure
- ✓ Secure & compliant



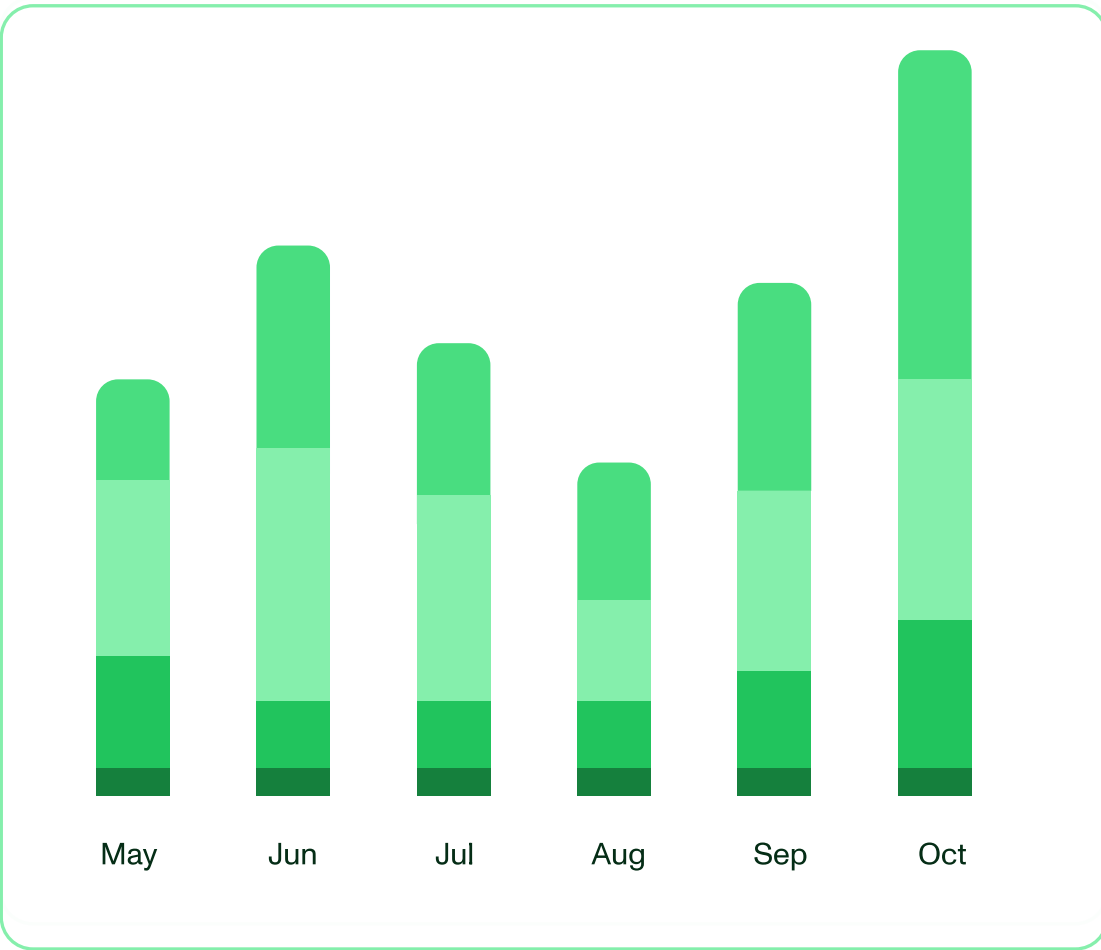
✨ Aurora

AI-assisted data engineering. Aurora AI extracts insights from your data, and copilots with your devs to code your data engineering workloads

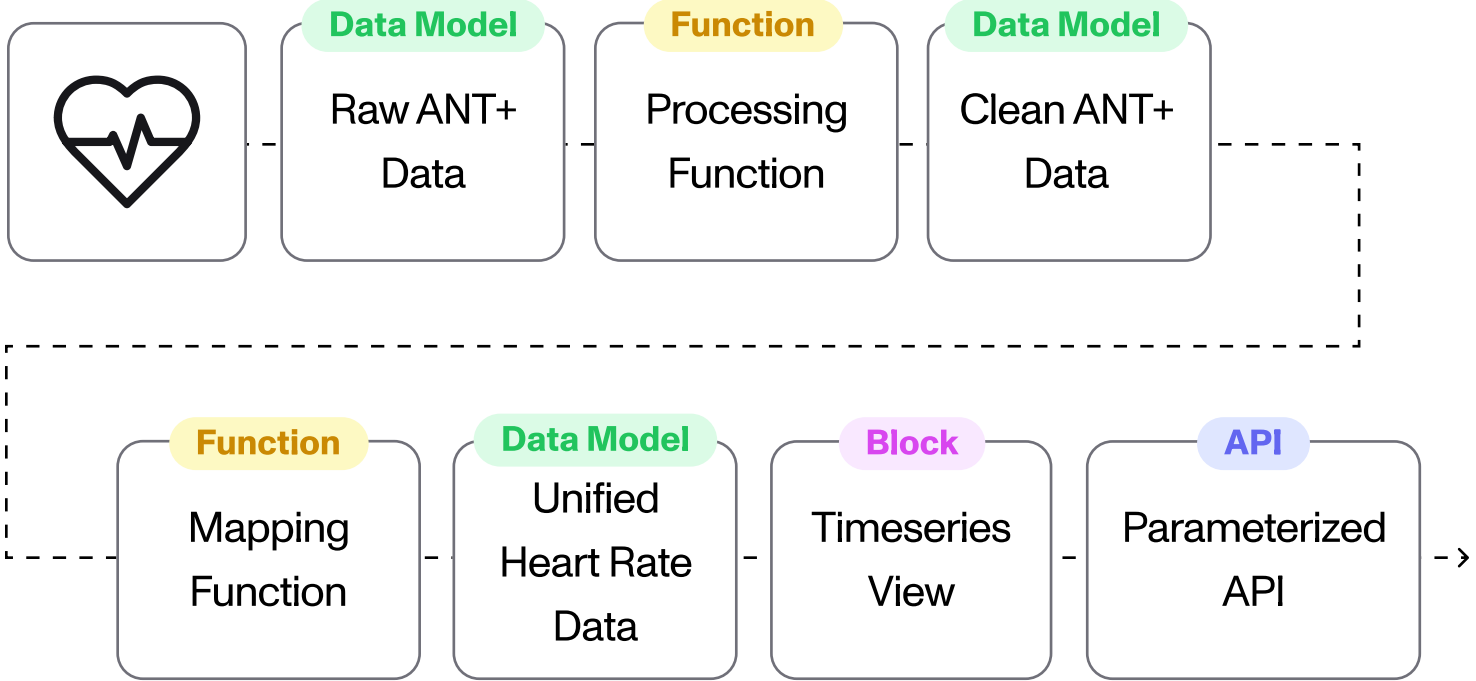
- ✓ Rich context: business value aware AI
- ✓ Deep context: Aurora sees code, docs, data and infra logs



User-facing Analytics



Data Pipelines



AI Insights

Hello Alex! How can I help you today?

Was my water bill higher than usual in October?

You used 55% more water during October. Something might be wrong. You should check for a leak or contact a plumber!

Transactional (OLTP)

Standard production backend for powering most features and UX



PostgreSQL



mongoDB®



supabase



NEON



Solid DX



Doesn't scale

Analytical (OLAP)

Specialized backend for running analytics operations on data at scale



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Specialized backend for running analytics operations on data at scale

 databricks

 snowflake®

 ClickHouse

 amazon
REDSHIFT

 Google
Big Query

Redpanda

 kafka



Works locally



Great DX



Doesn't live alone

The OLAP Stack



So much boilerplate



Painful local dev



Difficult to embrace
software best
practices

Moose JS / PY



Intuitive abstractions



No more boilerplate



Local-first dev



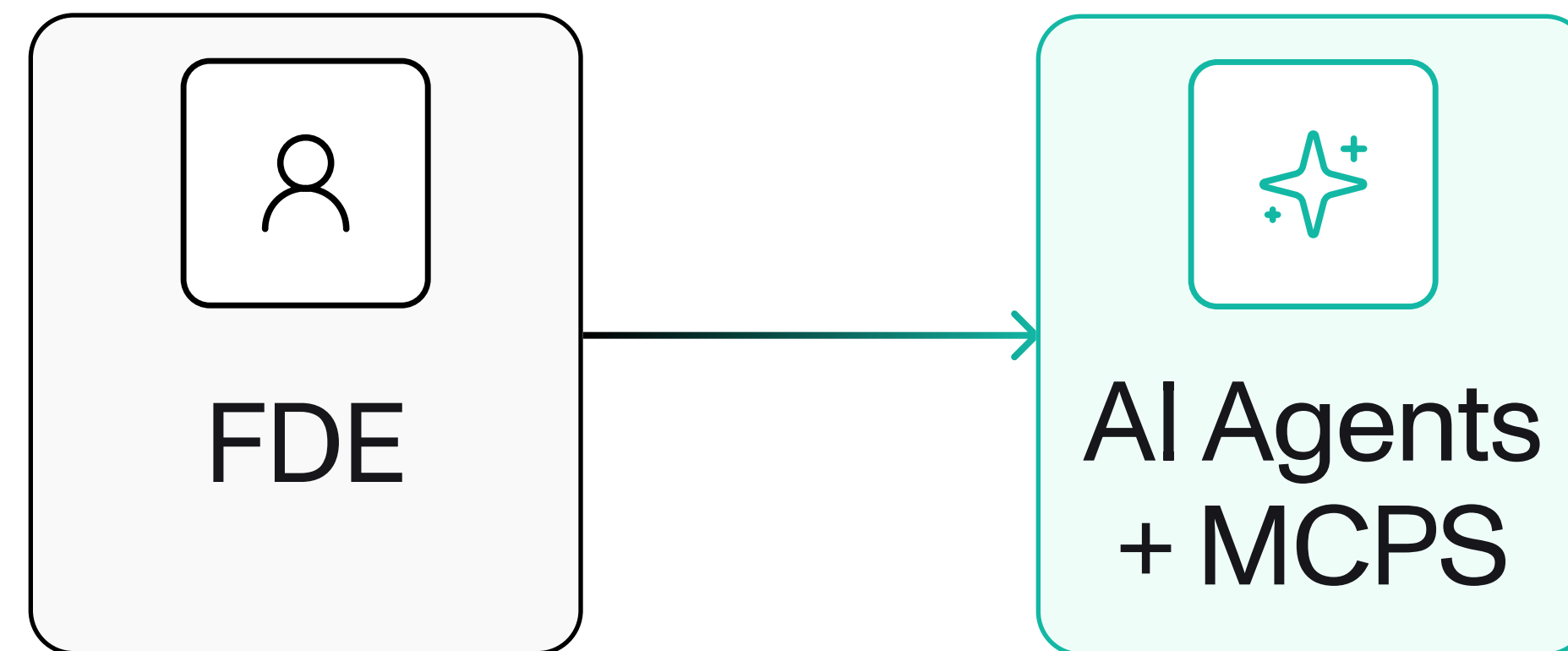
Native to your SDLC

“User-facing analytics had been stuck in our backlog for over a year. With Moose, we **boosted our dev speed** on analytics features by **10x**”



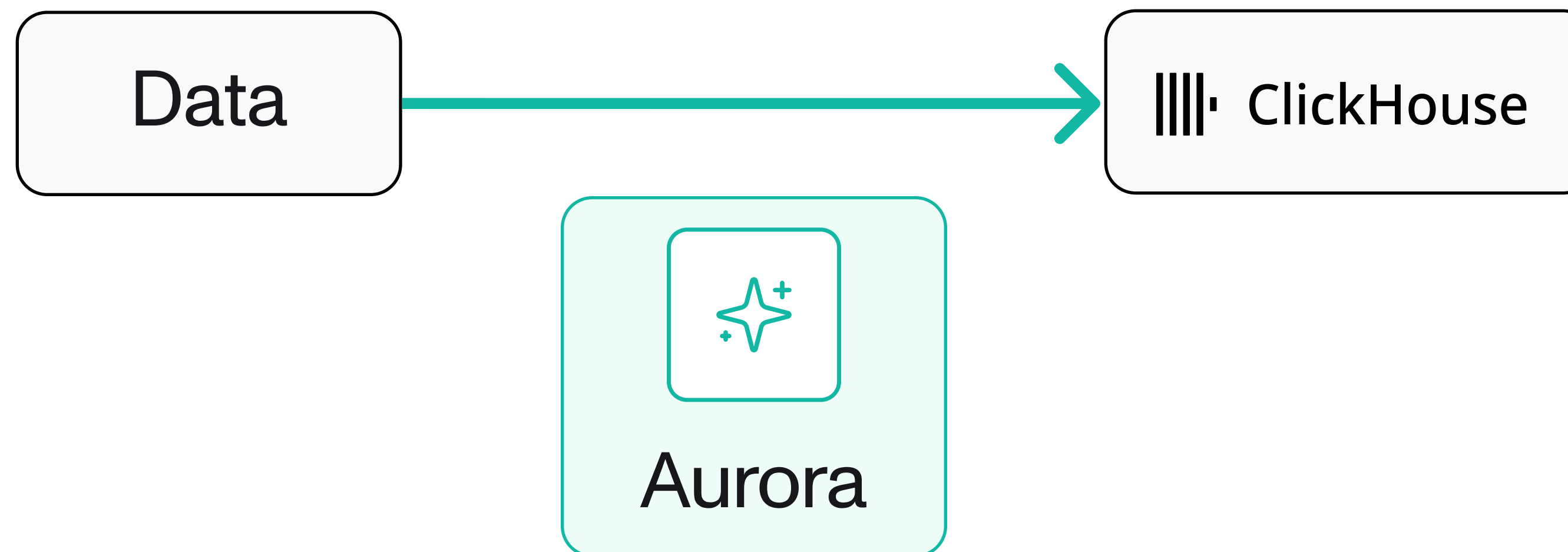
Greg Solak, Head of Engineering @ F45 Training

Customers need implementation help



How do we get our customer's data
into ClickHouse?

How do we get our customer's data into ClickHouse?



Getting our customer's data into ClickHouse...



✧ Aurora

01. Chat with
Supervisor: What
do you want?

Getting our customer's data into ClickHouse...

✧ Aurora

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02. Supervisor
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agent...

Getting our customer's data into ClickHouse...

✧ Aurora

01. Chat with Supervisor: What do you want?

✧ Aurora

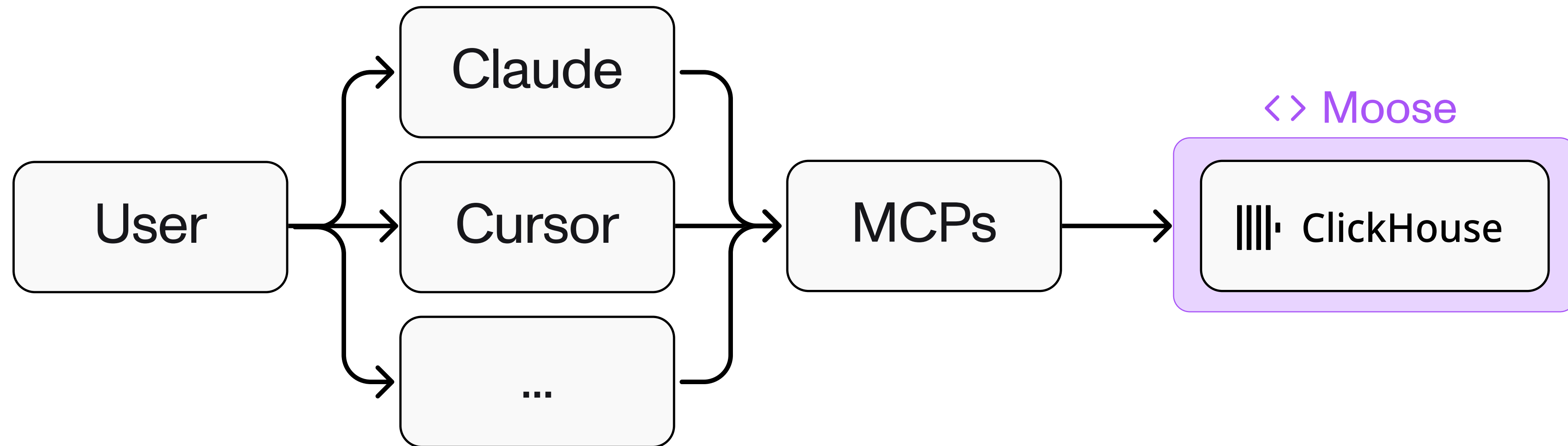
02. Supervisor creates a specification and sends work to agent...

✧ Aurora <> Moose ☁ Boreal

03. Agents create Moose primitives, which run locally or on Boreal

How do we get our customer's value
from data in ClickHouse?

How do we get our customer's value from data in ClickHouse?



Getting our customer's value from data in ClickHouse...



✧ Aurora < > Moose

01. You ask human language questions about your data in ClickHouse (ClickHouse MCP or Moose MCP)

Getting our customer's value from data in ClickHouse...

✧ Aurora < > Moose

01. You ask human language questions about your data in ClickHouse (ClickHouse MCP or Moose MCP)

✧ Aurora < > Moose

02. If anything sticks your fancy, create a scalable egress API with Moose (Moose MCP)

Jojoba from  Fiveonefour

Thank you!
fiveonefour.com