Decision-making in the age of AI agents

causaLens

What if everyone could be a data scientist?

What if everyone in your organization—from Marketing to Product, Supply Chain to HR—could have their own data science team? Analytics teams can explore data and generate insights within hours instead of months. Decision-makers no longer wait for weeks or months to receive analyzed, modeled, and visualized data. Instead, they gain immediate access to insights that drive timely, well-informed decisions.

Why wasn't this vision possible? Data volume has been increasing exponentially, far outpacing the growth of data science talent. A recent Forrester study found that **only 32% of all data is actually ever used -** a mere tip of the iceberg. The solution is clear: we need AI-powered **Data Science Agents** that augment human data scientists and expand their capabilities across the organization.

This vision is possible today. causaLens brings a groundbreaking new environment for humans to collaborate with data science agents

A Fortune 500 CPG brand is getting **answers to their business questions immediately without waiting for months** of sending requests back and forth with the data science team. Because of this, they are able to explore 100s of possible futures every day:

> "What if we change our price by 10% in a market?"
> "What if we adjust truck sizes by 20cm?"
> "What if…"

This is made possible with **decisionOS by causaLens - a dedicated environment for anyone to collaborate with data science agents**, whether you are a data scientist, an analyst, or a business decision-maker. The causaLens multi-agent system autonomously builds and executes complex multi-step workflows to complete sophisticated analytics tasks while keeping the human in the driver's' seat for validation and trust.

SEE DEMO
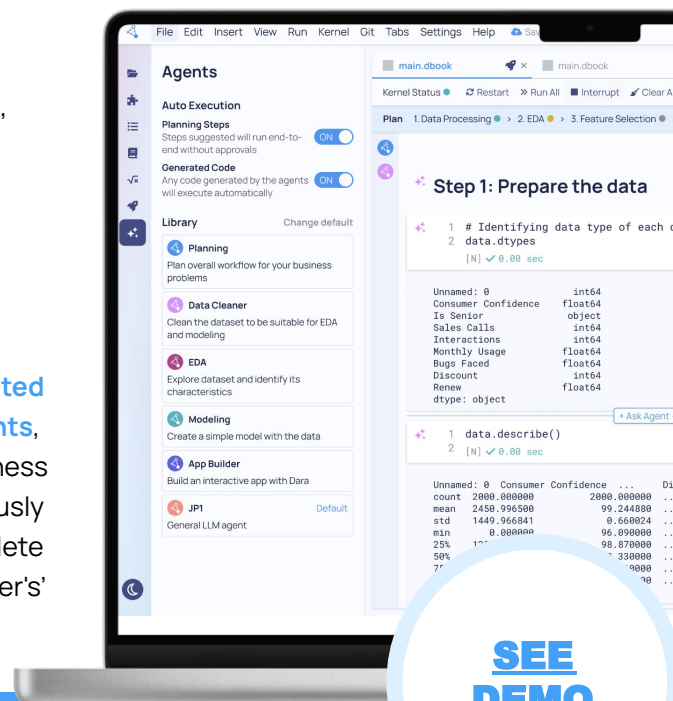
Automation alone is not enough. We combine this with 3 crucial pillars of TRUST

Causal reasoning
Enables explainable models and enhanced reasoning capabilities - Causally Grounded LLM technology are bias and hallucination free.

Every AI agent is grounded in your context
Agents learn about you and your organisation and responses are restricted to the verified data and models built within decisionOS, ensuring that insights are reliable, interpretable, and tailored to your business.

Humans stay in control
Human-in-the-loop guardrails that ensures every step can be verified. Data scientists can review, adjust, and approve workflows, preserving trust and accuracy in the models that drive your business.

" We were able to do this analysis in record time, it took less than 1.5 weeks.
- Nalanda Mattia, Senior Director, Econometrics, Dunn & Bradstreet (learn more about D&B's story)

causaLens

With causaLens, new things are now possible
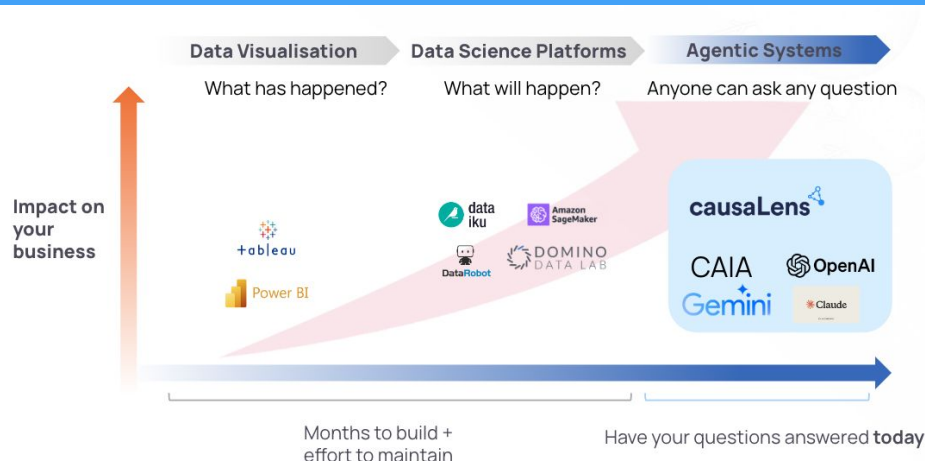
The evolution of analytics began with visualization tools, which helped us make sense of data but were limited to showing 'what has happened'. The introduction of machine learning brought predictive power, allowing us ask 'what will happen' — a transformative step forward. However, these models were often bespoke, requiring specialized expertise and lengthy development cycles.

decisionOS revolutionises enterprise analytics by unifying the entire workflow into a singular platform — from data preparation and modeling to visualisation. Our multi-agent architecture enables specialised agents to handle different parts of the workflow, while our unique causal reasoning agent, CAIA, delivers actionable insights beyond predictions.

Users are no longer restricted to asking 'what has happened' or 'what will happen', one at a time, ANYONE can now ask ANY question and have it answered TODAY.

A customer's transformation story...

$19m
ROI from improved demand planning in the 1st year

CISCO

By deploying decisionOS on their supply chain operations, Cisco were able to see transformative value.

The challenge was not because Cisco did not have great data scientists or supply chain expertise, but rather the supply chain has gotten too complex for humans to make sense of with interwoven internal and external factors that change on a daily basis - the need for automation was critical to overcome this challenge.

With the help of automation, the Cisco supply chain planning team were able to quickly go from generic models to bespoke models across their 50,000 SKUs at different aggregations and horizons to suit all business requirements (manufacturing, inventory..). Having only had the capacity to use internal data sets previously, They are now able to rapidly evaluate and incorporate external drivers (e.g. macroeconomic conditions) into their analysis.

Most importantly, the organisation did not have to wait for months for a solution to be built, actionable insights were delivered to the CFO in just one week.

5 days average time to proof value for causaLens decisionOS

Available on: GCP   AWS   Azure   Certified on: SOC 2 HIPAA ISO 27001