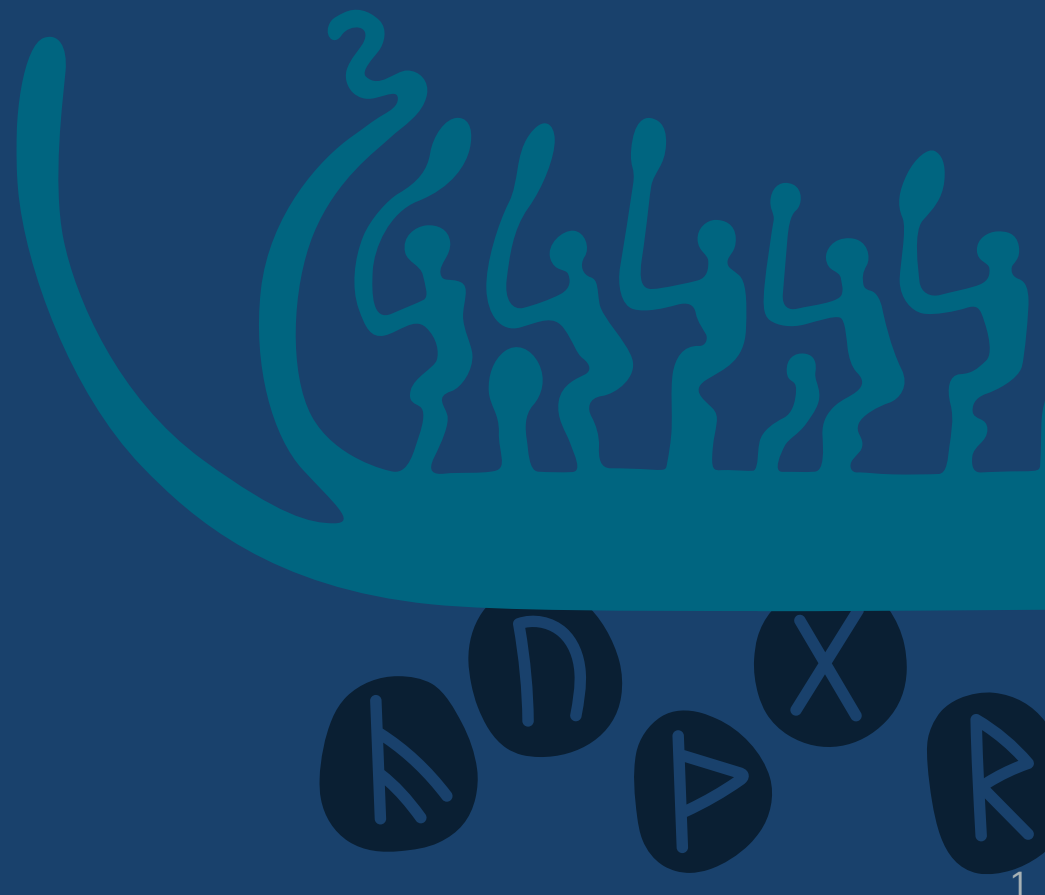


Agentic Analytics

The revolution accelerating insight to action



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Qlik's agentic experience is accessible by three entry points

Qlik Answers



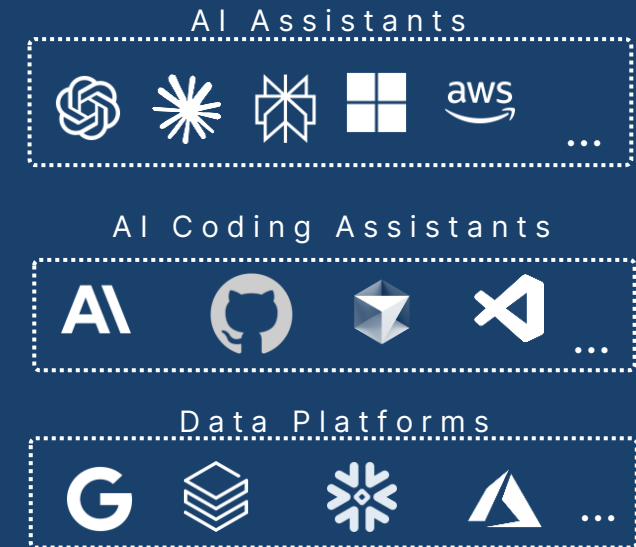
- Natural language AI assistant across the Qlik portfolio
- Enables **Qlik users** to receive answers from a variety of prompts
- Uses complex AI reasoning to understand question intent and engage the appropriate agent(s)

Qlik In-product Agents



- Agent to Agent Protocol (A2A)
- Enables **Qlik in-product capabilities and agents** to interact with each other
- Delegates and processes tasks

3rd Party Tools and AI Agents



- Model Context Protocol (MCP): Industry standard protocol, not AI itself
- Similar to an API, directly taps into and uses Qlik product capabilities
- Enables Qlik to connect to and interact with **other AI tools and agents**

The Qlik Analytics Engine is the heart

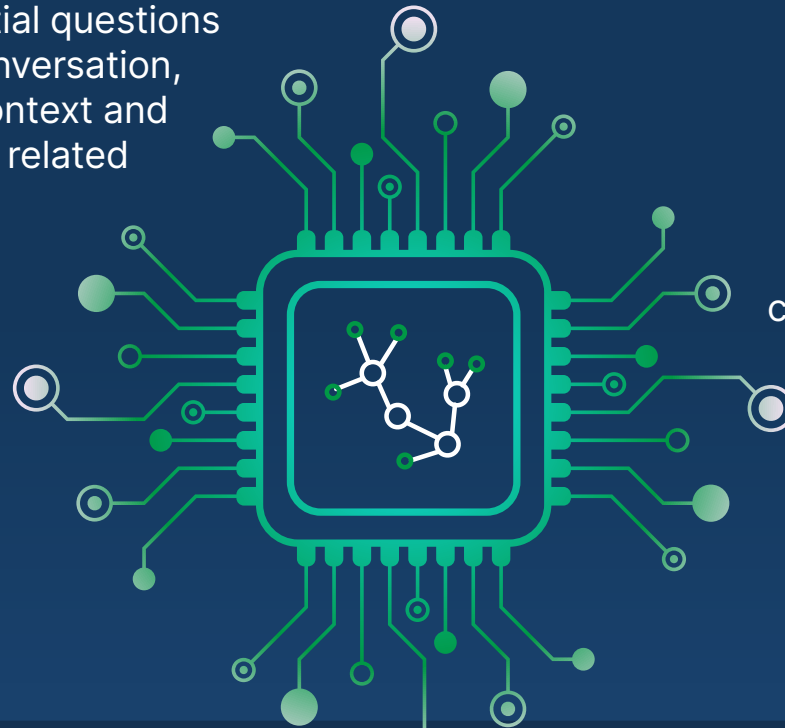
At the center of a powerful data intelligence foundation

Context Aware Analytics

Answer sequential questions like a human conversation, remembering context and revealing what's related and what's not

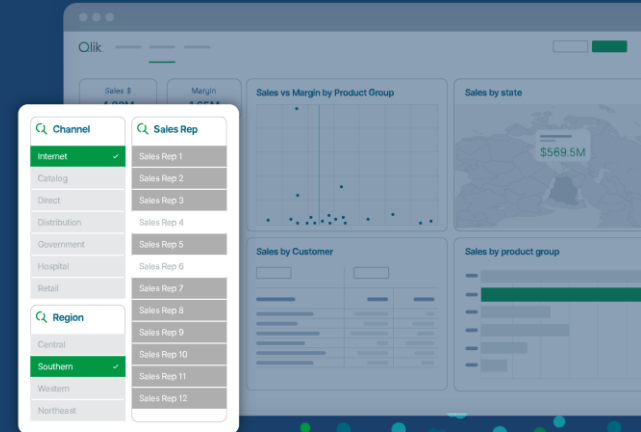
All Data Unified

Bring together all your data without leaving anything behind, getting anything wrong, or having to perfectly model it in advance



Speed & Scale

Deliver high-speed, cost-efficient analytical calculations for users and AI agents, even when scaled to high query volumes

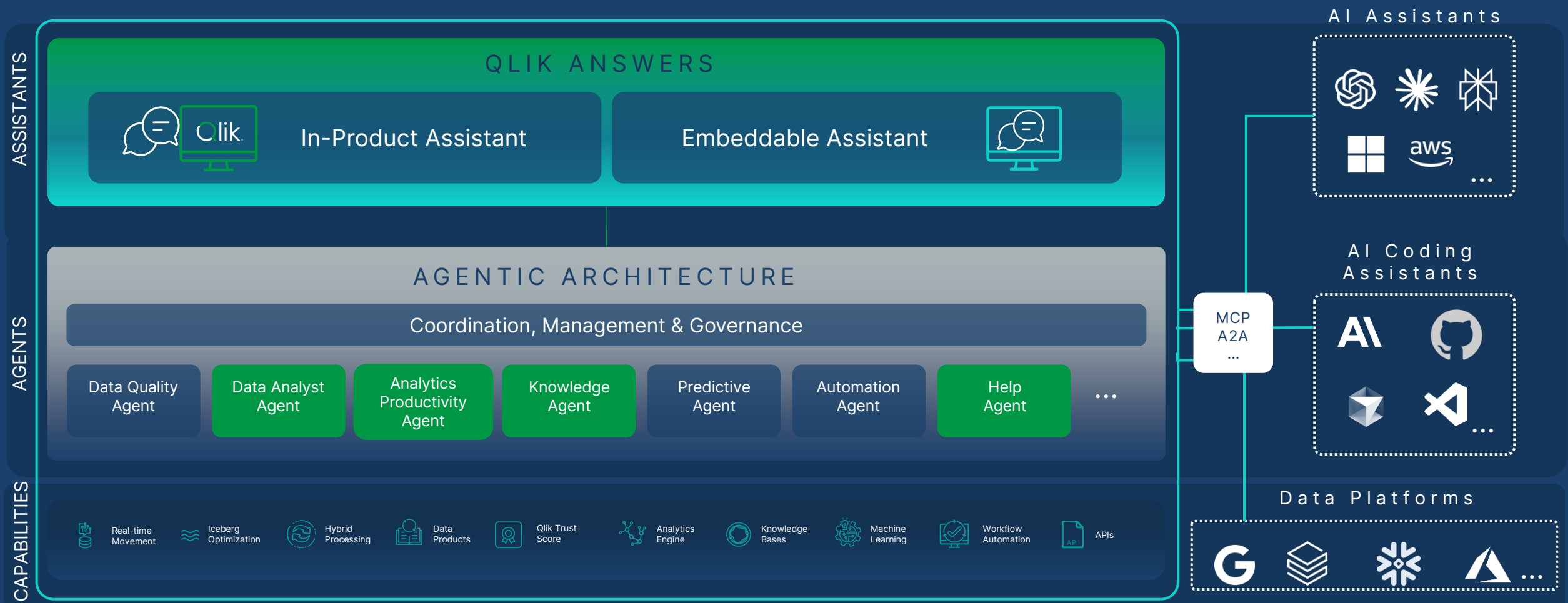


TIME-PROVEN

The best analytical insights at high speed and scale

Qlik's agentic architecture

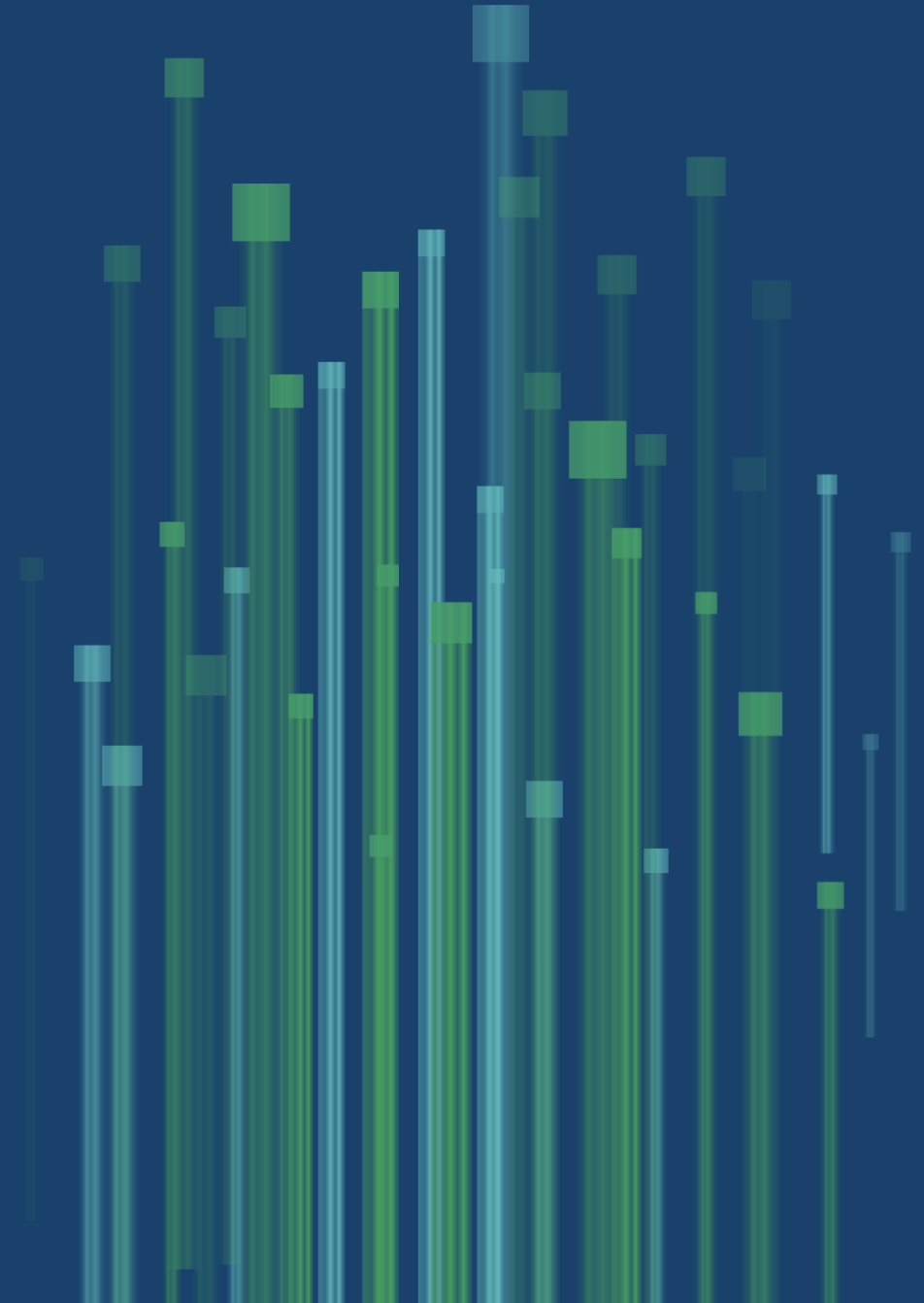
A seamless system of AI assistants and agents working together





Qlik Answers

Combining Structured & Unstructured Data



Qlik Answer's complex AI reasoning can answer more questions than competitors simple AI prompts

Simple Direct	Unstructured Content	General Knowledge	Compound	Ambiguous	Speculative	Power of Grey
Questions are simple sentences that directly correlate with a dataset.	Questions answered from unstructured content.	Questions outside the scope of data stored.	Multiple questions in a single prompt	Ambiguous questions that require reasoning	Speculative questions that require reasoning	Questions that require associative thinking
"What are my sales for 2024?"	"Summarize the components required from the instruction manual."	"What does the EU have to say about AI regulations?"	"How many orders did I receive in 2024, and how many of those orders were returned?"	"What can you tell me about my investment holdings?"	"Do you see any benefit to running a product promotion in Q1 or should I wait to Q2?"	"Which product categories were not purchased by our top 10% high-value customers last year?"
Competitors: Text to SQL						
Qlik Answer: Complex AI reasoning						

Transparency and Trust in Every Answer

Every insight, fully explainable

Transparency rests on two clear foundations



Source Identification

Whether from a chart, dataset, or unstructured content, the origin is always clear.

View source



User prompt

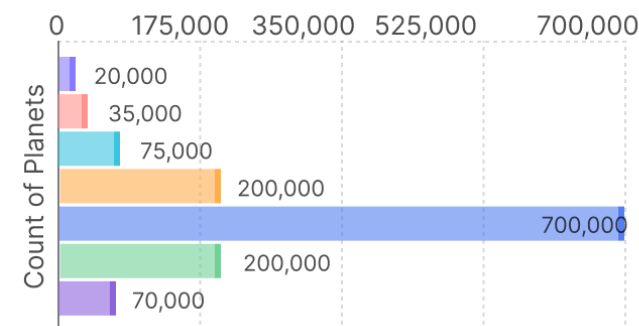
Number of planets in Star Wars

Show full answer ▾

Answer breakdown by source:

1.

Organizing the planets by region, shows that the outer rim frontier holds 58% of the planets in the galaxy.



The agent drew this chart because:

Grouped bar charts are the best way to visualize lots of categorical data.

This data came from this application:

 Galactic Republic Archives - MASTER 

Trust score:

 97% 

[Go to Qlik script](#)

And used data from the columns:

 Planets

 Count of Planets *Regions*

 Galactic Regions

Transparency and Trust in Every Answer

Every insight, fully explainable

Transparency rests on two clear foundations

Reasoning Visibility

Users don't just see **what** was answered;
they see **why** with the logic behind the response.

How the assistant got here:

The assistant generated a chart built from the app, **Real-time Shipping and Inventory Management**, summarizing best practices for balancing shipping levels with real-time inventory management.

To see how the assistant got to this answer, view its reasoning:

 Hide reasoning ^

The assistant worked for 47 seconds on the 9 following steps:

Parsed Input for Key Information:

Identified key phrases and matched them to [Business Glossary Name] such as "shipping efficiency," "inventory management," and "warehouse optimization." It also extrapolated relevant data points like "current stock levels," "restocking frequency," and "shipping delays."

Queried Indexed Databases:

Consulted its vectorized database for prompt-specific data, including inventory trends, logistics reports, and supply chain analytics, using the extracted keywords and context from the question.

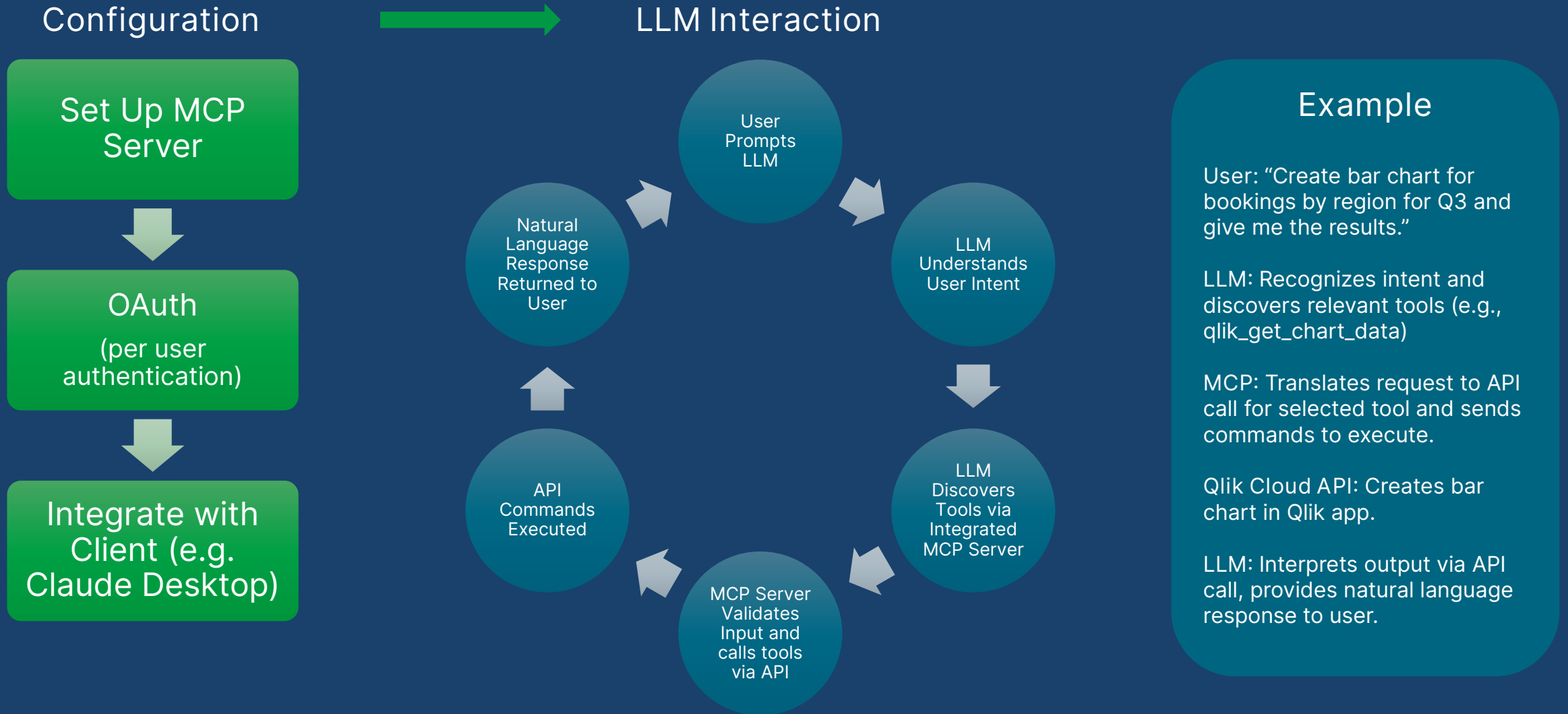
Retrieved Initial Matches:

Found 5 potential matches from its database, each containing insights into shipping trends, inventory control techniques, or warehouse management strategies.

Filtered Out Irrelevant Matches:

Eliminated 2 matches that focused only on long-term supply

How MCP Enables Natural Language Analytics with Qlik Cloud



INTRODUCING...

Discovery Agent

COMING Q1 2026

Your Business Changes Every Day

Often faster than teams can react.



KPIs Move Constantly

Critical metrics shift constantly, making manual tracking nearly impossible



Patterns Shift

Customer and operational behaviors evolve in unpredictable ways



Hidden Outliers

Anomalies lurk inside complex, multidimensional data structures



Time Constraints

Analysts lack bandwidth to manually check every metric daily

When teams only monitor data manually,
they almost always react too late.

Why Dashboards Aren't Enough

Dashboards are powerful, but they're **reactive**.

- **Manual Review Required**
Someone must actively look to notice changes
- **Incomplete Coverage**
No one checks everything, every day
- **Subtle Signals Missed**
Gradual shifts rarely trigger attention
- **Instinct Over Insight**
Teams rely on habit, not full visibility



❏ By the time a trend is visible on a dashboard, the window for action may already be closing.

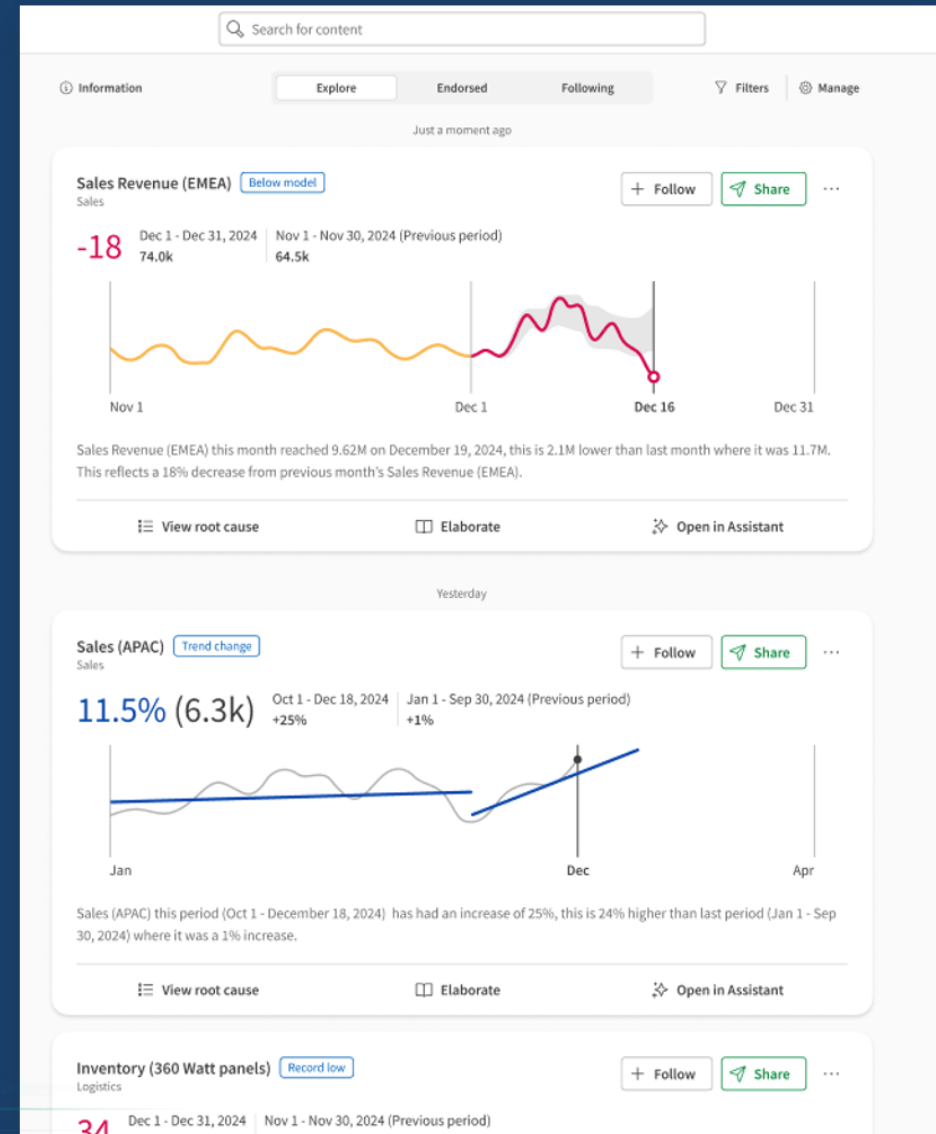
Introducing Discovery Agent

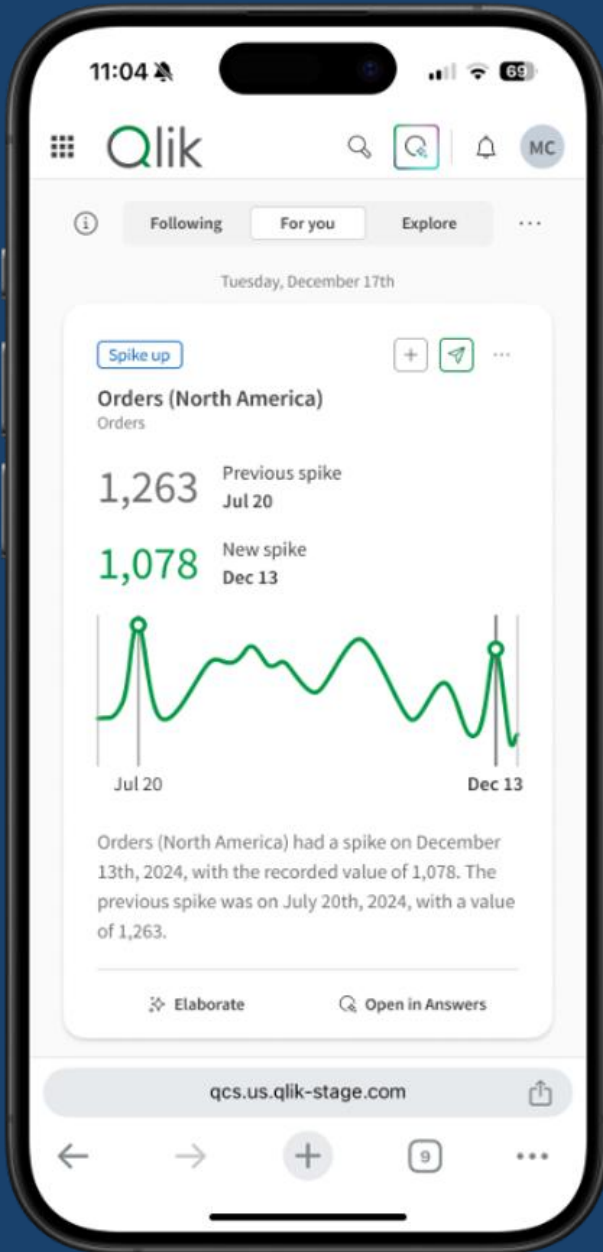
Automatic anomaly detection and summarization of critical data changes

Discovery Agent continuously detects and summarizes the most important changes in your data so your teams can act before issues escalate.

It monitors your Qlik Cloud apps behind the scenes and delivers clear, prioritized insights directly to users.

- ✓ No rigid rules.
- ✓ No predefined thresholds.
- ✓ No manual monitoring.





How Discovery Agent Works

A simple, powerful three-step model

Detect

- Uses your app's full data model
- Identifies spikes, drops, trend shifts, new normals, and data quality issues
- Evaluates wide combinations of dimensions using the Qlik Analytics Engine

Evaluate

- Determines which anomalies are meaningful
- Filters noise and ranks insights by significance
- Provides light key-driver context when available

Deliver

- Presents results in a prioritized insights feed
- Summarizes daily changes in an AI-generated digest
- Uses clear, readable language anyone can understand

What Discovery Agent Detects

Examples of change types (not exhaustive):

Change in Trend

Detects meaningful shifts in trend direction or slope.

Spike Detection

Catches short-lived peaks or dips in metrics.

Record Highs/Lows

Identifies new all-time high or low values.

Forecast Divergence

Surfaces deviation from expected performance.

New Baseline/Normal

Detects permanent shifts in a metric's baseline.

Data Quality Issues

Flags gaps, errors, or unusual patterns in data.



Discovery Agent adapts to real-world data, not predefined rules.

Value & Impact

Move from reactive reporting to proactive, data-driven action.

VALUE

Early Detection

Catch emerging issues before they escalate into costly problems

Reduced Manual Work

Eliminate repetitive monitoring tasks and free up analyst time

Business Clarity

Focus on the issues that truly matter to your business

IMPACT

01

Improve operational responsiveness

React faster to changing conditions with automated alerts

02

Speed up decision-making

Enable teams across the organization to act on insights immediately

03

Protect and optimize

Secure performance while uncovering new opportunities faster



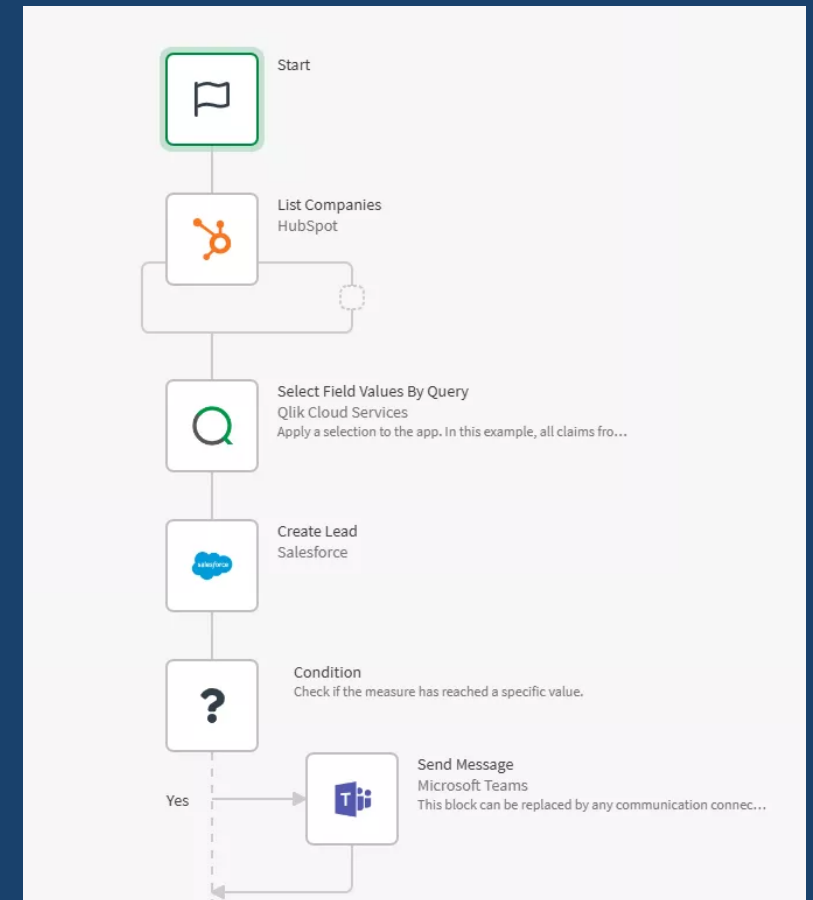
Automation Agent

Estimated Q2, 2026

AI agent used for initiating automated actions in **Qlik Automate** from a user prompt.

Example uses:

- Initiating a data reload
- Updating backend data
- Triggering notifications
- etc..



Prediction Agent

Estimated 2H, 2026

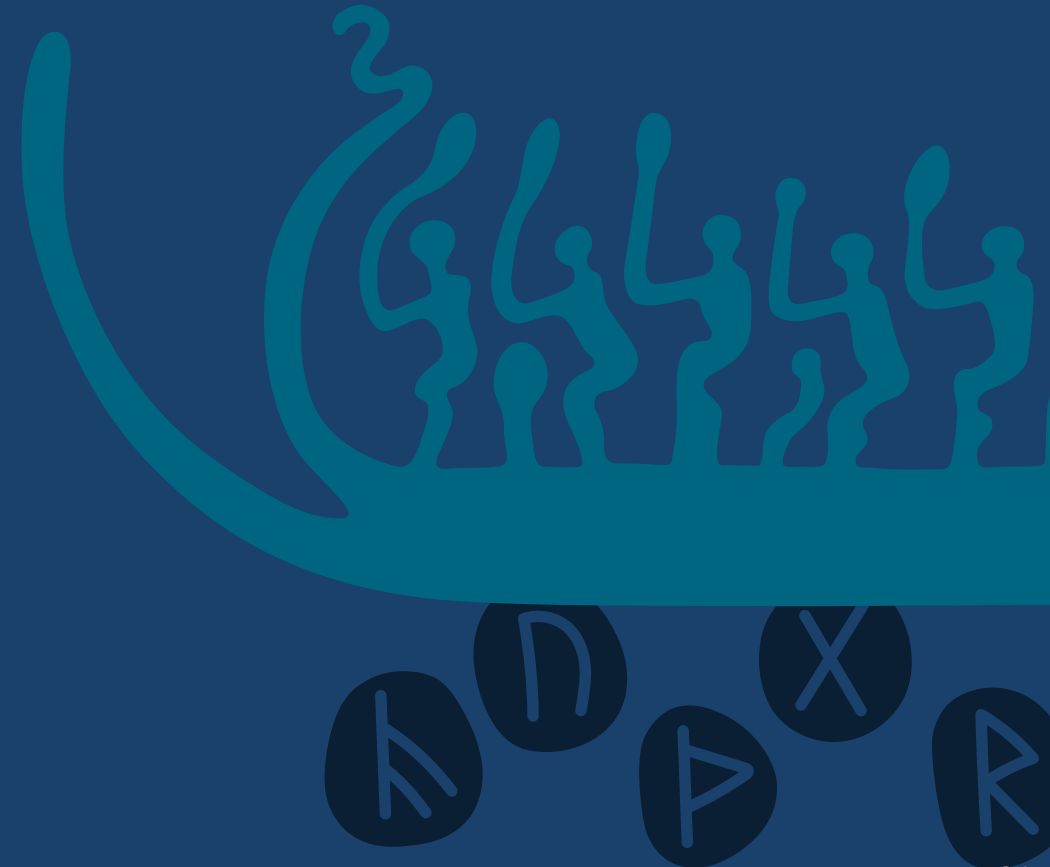
AI agent using forecast and prediction models created by **Qlik Predict** in response to user prompts concerning future projections.

Example uses:

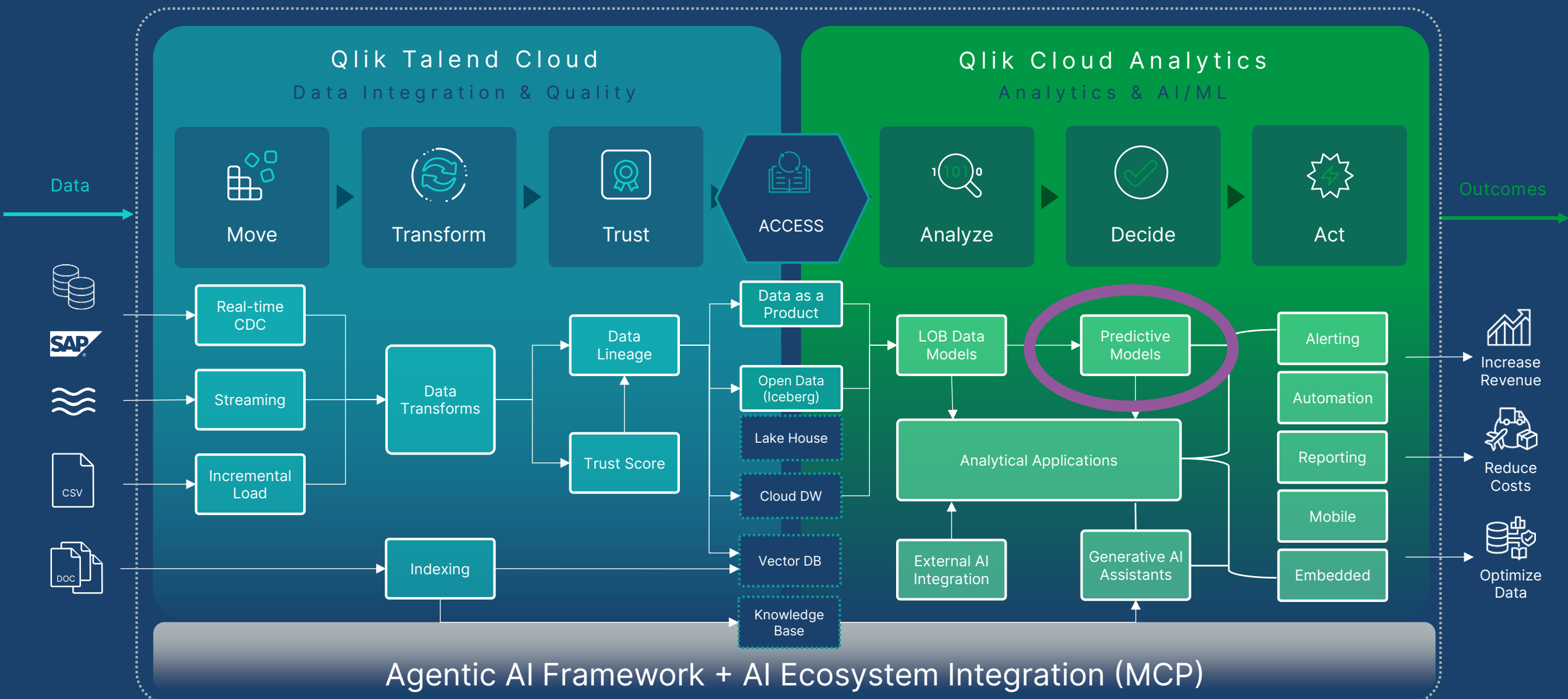
- Forecast customer churn
- Identify product sales trends
- Predict data trends



Qlik Predict



Qlik Map of Capabilities



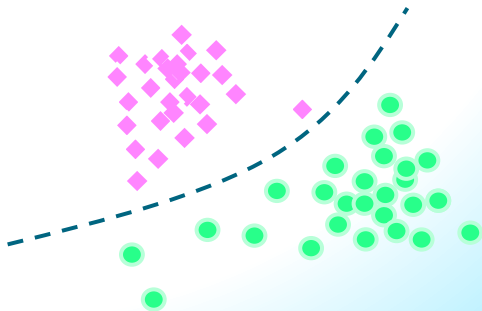
Primer: Classical Machine Learning

Supervised Learning Models

New – Oct 2025

Binary Classification

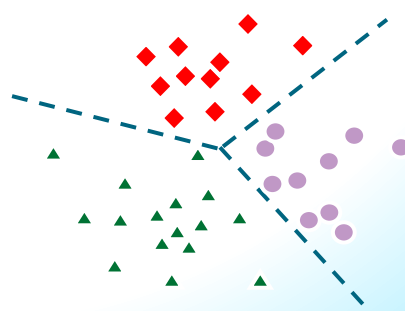
Questions that can be answered with a Yes or No



Will we run out of inventory?

Multi-Class Classification

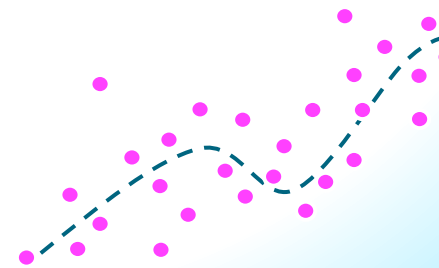
Questions with multiple possible answers



Which products will be out of stock?

Regression

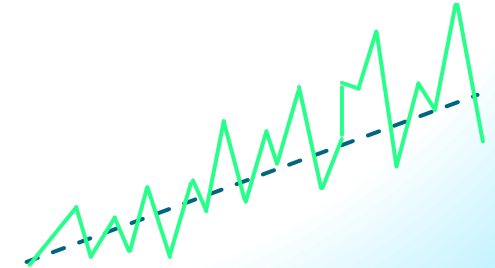
Predicting a number at a future point



How much inventory will be on hand this quarter?

Multivariate Time Series

Analyzing relationships between variables over time



How will inventory levels and customer demand change over the next quarter?