

Webinar

Using KNIME and AI to Improve Auditing Processes

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Prophix maintains complete operational excellence globally—every office features Sales, Support, Product, Service & Marketing capabilities

1400

Customer Count

North American Offices

Canada
USA

FTEs: 325+

700

Customer Count

LATAM Offices

Brazil

FTEs: 125+

700

Customer Count

EMEA Offices

UK
Belgium
Denmark
France
Germany
South Africa

FTEs: 75+

200

Customer Count

APAC Offices

Australia
Singapore
India

FTEs: 60+



Our Journey in Australia - 20 Years

Founded and operating out of Perth, WA, Forest Grove was one of Australia and NZ's leading specialist consulting firms, delivering end to end finance transformation and data analytics solutions. We have been helping business achieve success with their data for over two decades and recently joined the Prophix family, being the dedicated Prophix Australia office.





Speakers



Angus Veitch, Ph. D.

Services Manager, Professional Services



Tomy Harstrom

Analytics Director



Jerome Treboux, Ph. D.

Senior Analytics Consultant

Agenda

- 1** What's new in KNIME 5.8.1 LTS?
- 2** AI and Governance in Audit
- 3** AI in KNIME
- 4** Audit Assistant Demo
- 5** Q&A

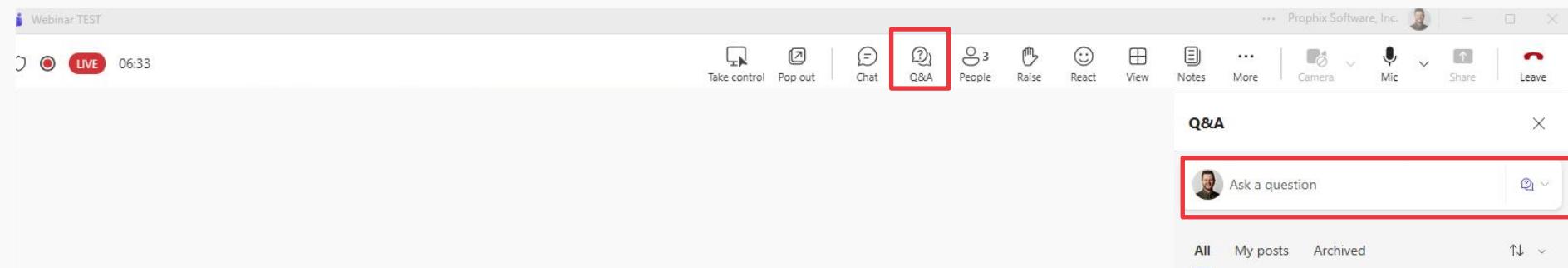


Q&A

Use the Q&A for your questions

Here you can ask questions to the speakers.

Your questions will be answered during the Q&A at the end of the session.





What's new in KNIME 5.8.1 LTS?





AI and Governance in Audit





Why AI is Accelerating Across Businesses

Organisations are adopting AI at speed not because it is “interesting”, but because it has become **commercially necessary**.

Key drivers include:

- Pressure to increase efficiency without increasing headcount
- Growing volumes and complexity of data that humans cannot process manually
- Expectations from boards and investors to demonstrate innovation and resilience
- Competitive pressure from organisations already using AI to automate and optimise
- The need for faster, more informed decision-making

A shift from **“Should we explore AI?”** to **“Where do we deploy it first?”**



Where Audit Time Goes Today

Most audit functions still spend a large part of their time on manual, repetitive work:

- Extracting data from multiple systems, then cleaning and reshaping data by hand
- Selecting samples and testing transactions manually
- Reading contracts, policies, and operational documents
- Collecting screenshots and evidence
- Writing and formatting workpapers and documentation
- Performing manual peer reviews for accuracy

This work is necessary — but it is largely mechanical.



The Cost of Manual Work

Because so much time is spent on manual tasks:

- Professional judgement is under-utilised
- Risk conversations become superficial
- Root causes are rarely explored deeply
- Internal Audit is seen as a compliance function rather than a value partner



From Manual Work to Strategic Impact

When AI is embedded into platforms like **KNIME**, internal audit moves beyond compliance-heavy activity and into a true business partnership role.

This shift enables auditors to:

- Spend time on root cause analysis instead of surface-level testing
- Move from reporting problems to co-creating solutions
- Build trusted relationships with leadership teams
- Focus on forward-looking risk rather than backward-looking findings

The conversation changes from “**Here’s what failed**” to “**Here’s how we improve together**.”



Smarter, Faster, Stronger Assurance

AI embedded in **KNIME** changes assurance in three clear ways:

- **Automated quality checks**

Workpapers and evidence are validated for completeness and consistency in real time.

- **Full population analysis**

Instead of samples, entire datasets are tested with consistent criteria.

- **Human-led judgement**

AI handles processing and patterns. Auditors retain professional judgement and final accountability.

Outcome:

Higher quality audits delivered faster, with stronger confidence in results.



Built-In Governance and Control

Strong AI use in audit requires discipline, built directly into KNIME workflows:

- Full audit trail of prompts, data sources, and outputs
- Data classification and controlled model access
- Clear model versioning and documented limitations
- Defined human approval checkpoints

Outcome:

AI that is transparent, explainable, and defensible.



The Operating Model That Works

AI (via KNIME) performs:

- Population-level analysis
- Pattern and anomaly detection
- Evidence compilation
- Draft workpapers

Humans perform:

- Validation against source data
- Investigation of exceptions
- Professional judgement
- Final conclusions and sign-off

Outcome:

AI at scale. Human judgement at the core.



KNIME Business Hub – Governance at Scale

AI in audit only works when it runs on a platform designed for **control, transparency, and enterprise governance** — not just experimentation.

KNIME Business Hub enables:

- **Centralised governance:** Controlled deployment of workflows, models, and AI components
- **Full transparency:** End-to-end lineage: data sources → transformations → models → outputs
- **Scheduling & orchestration:** Automated execution of audits, monitoring jobs, and exception reports
- **Security by design:** Role-based access, segregation of duties, and audit-grade logging
- **Collaboration with control:** Shared assets with versioning, approvals, and rollback capability

What This Means for Internal Audit

- Evidence is reproducible and defensible
- AI behaviour is visible and explainable
- Controls can be tested continuously, not periodically
- Governance teams gain confidence, not concerns



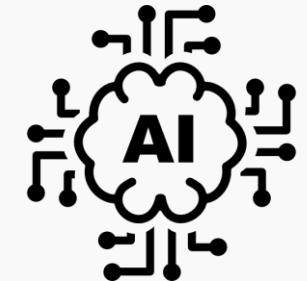
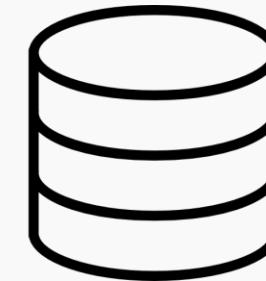
AI in KNIME





Why not using AI in browser?

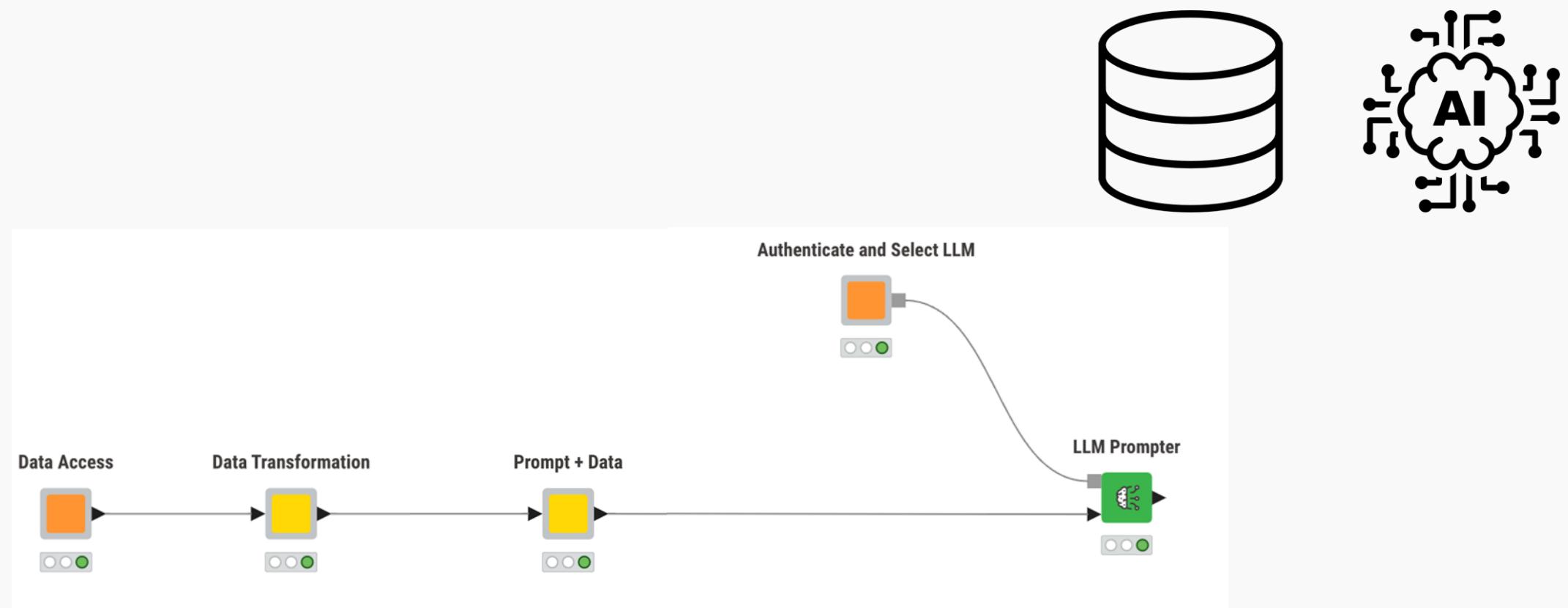
How to connect AI to with data?





Why not using AI in browser?

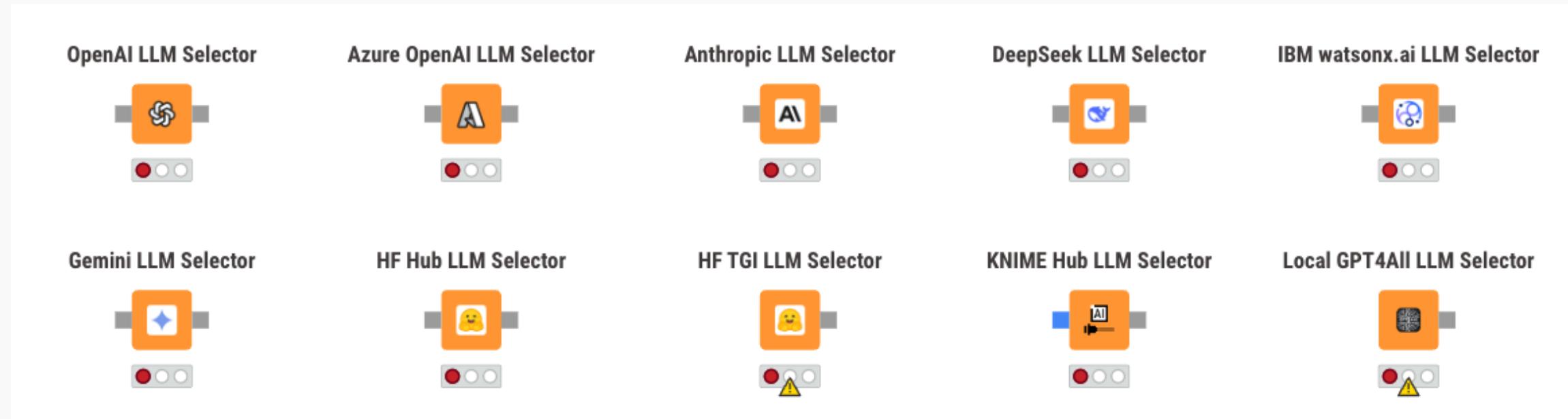
How to connect AI to with data?
Using KNIME Workflows





LLM Providers

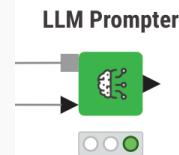
Many online and offline models supported. Number is increasing.



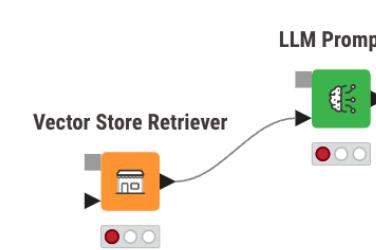


AI in KNIME – 3 options

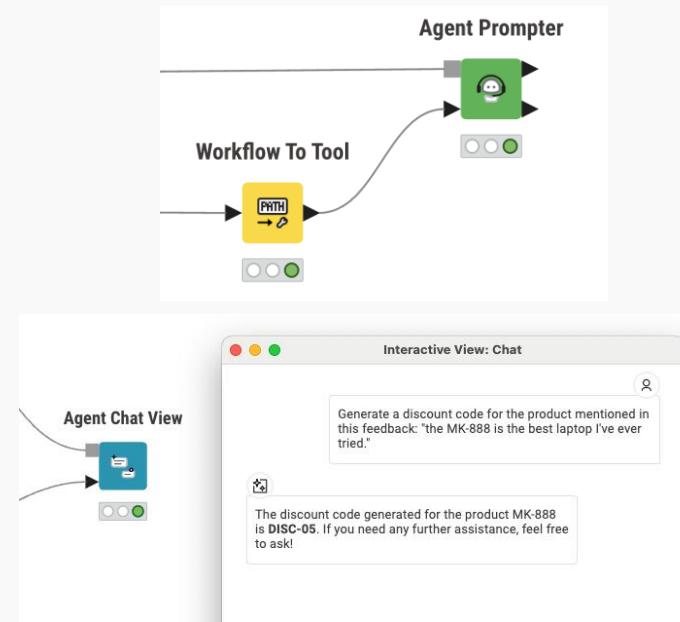
LLM Prompt



RAG Architectures



Agents





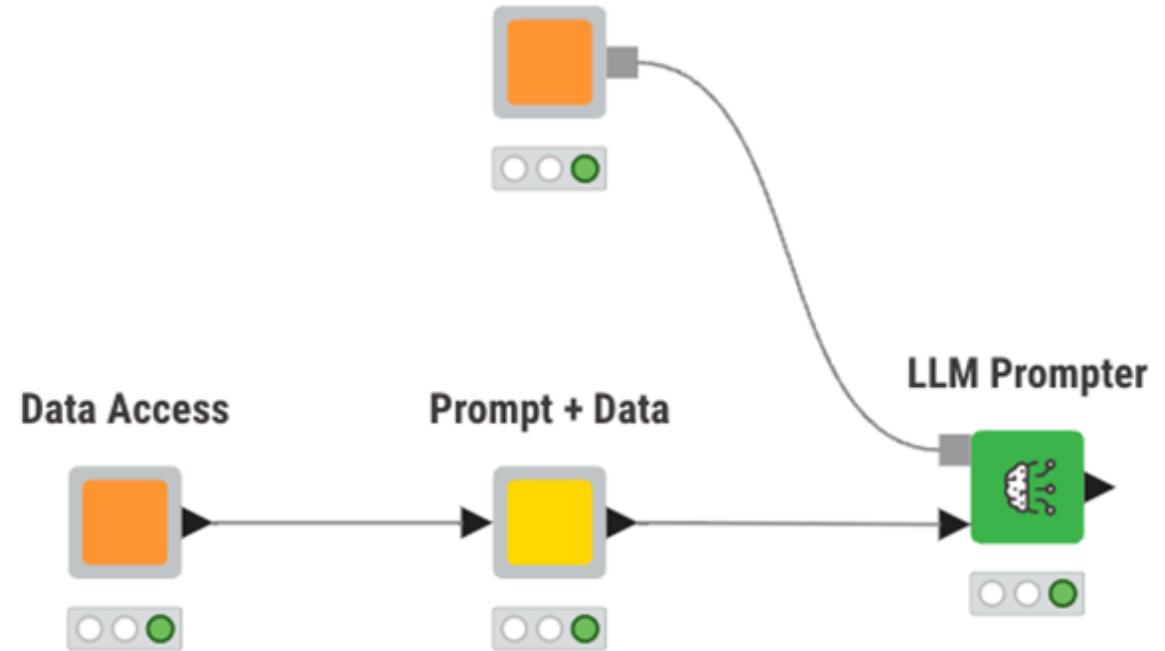
LLM Prompt

Include AI in your workflow

For example:

- To translate text
- To extract information from a text
- To analyze sentiment
- ... and more

Authenticate and Select LLM



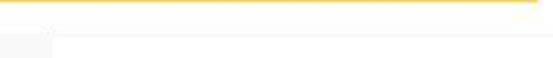
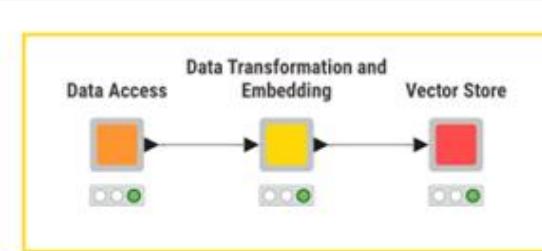


RAG Architectures

Enhance AI prompts with your own data

For example:

- To search and analyze content in your own data
- To provide information about your orders and products
- To search information in internal policies
- ... and more

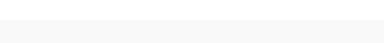
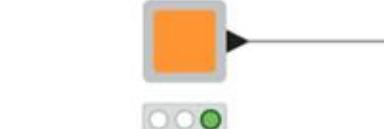


Authenticate and Select LLM



LLM Promoter

Vector Store - retrieve data



Augment prompt with context





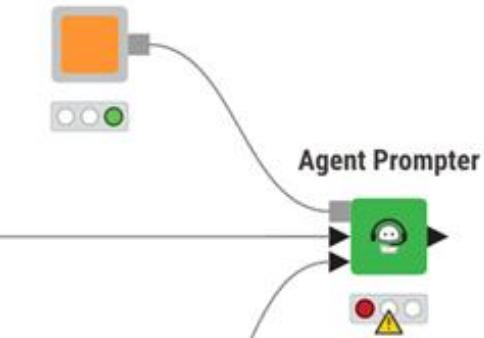
Agents

Achieving tasks using tools

For example:

- To build an “ask-me-everything”
- HR manager
- ... and more

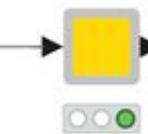
Authenticate and Select LLM



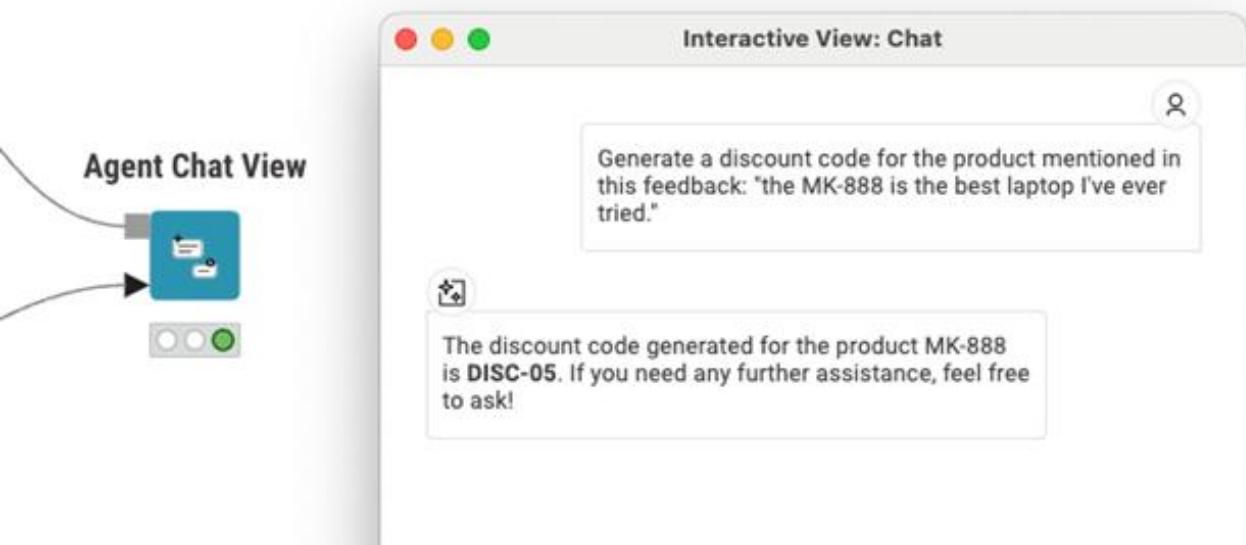
Data Access



Data Transformation



Interactive View: Chat





Audit Assistant Demo





Q&A



Thank you



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