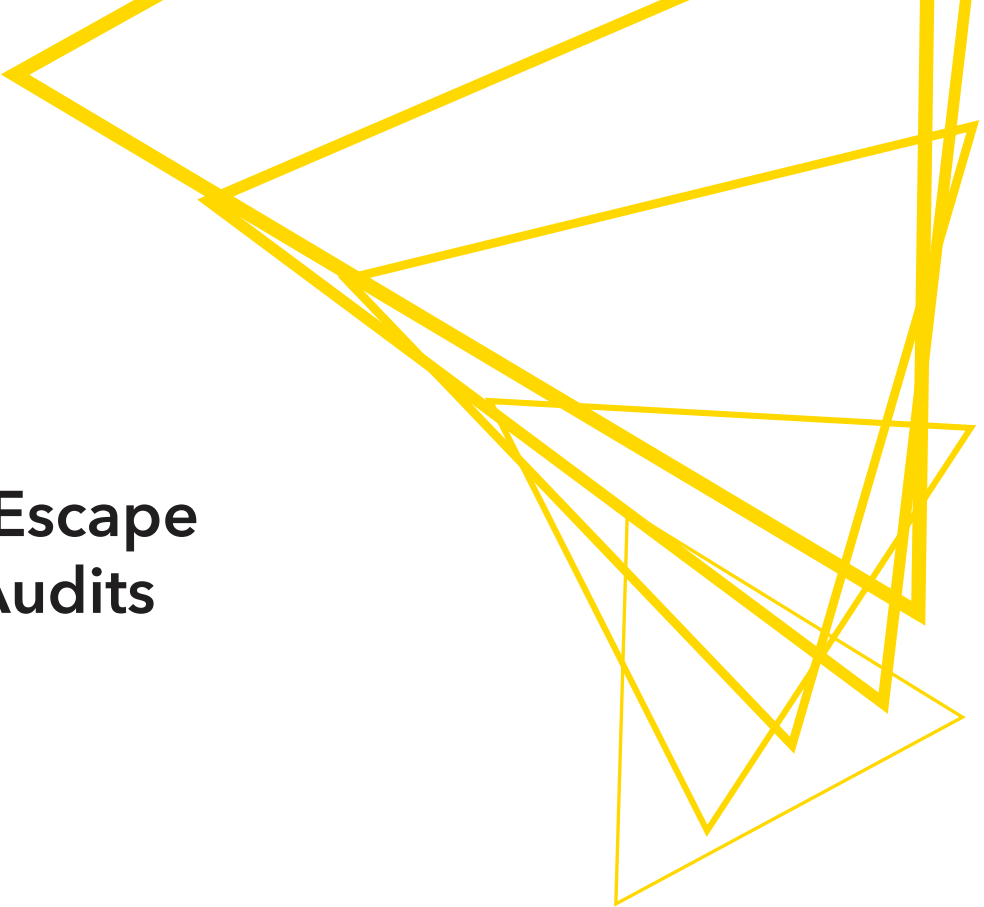


A series of overlapping, translucent yellow geometric shapes, primarily triangles and quadrilaterals, arranged in a dynamic, abstract pattern on the right side of the slide.

KNIME for Audit: How to Escape Legacy Tools for Smarter Audits

September 29, 2025

Why Auditors Need Modern Skills

Explosion of Data

Manual reviews & sampling can't keep up



Regulatory Pressure

Transparency & reproducibility are expected



Modern Audit Demands Modern Skills

Without new approaches, auditors risk falling behind, losing credibility, and missing critical risks.



Business Expectations

Auditors must deliver insights, not just findings



Legacy Bottlenecks

Spreadsheets & legacy tools limit scalability & collaboration

KNIME For Audit: Skills of a Modern-Day Auditor

A 3-part webinar series to build your modern audit toolkit

September 29
(Today)

Part 1: How to Escape Legacy Tools for Smarter Audits

Focus: Why legacy tools hold auditors back, what modern approaches look like

October 14

Part 2: How to Make Continuous Auditing A Reality

Focus: Expand coverage and efficiency with ongoing, automated testing

November 18

Part 3: How to Use and Govern AI Effectively In Audit

Focus: Leveraging AI responsibly while ensuring governance and audit integrity

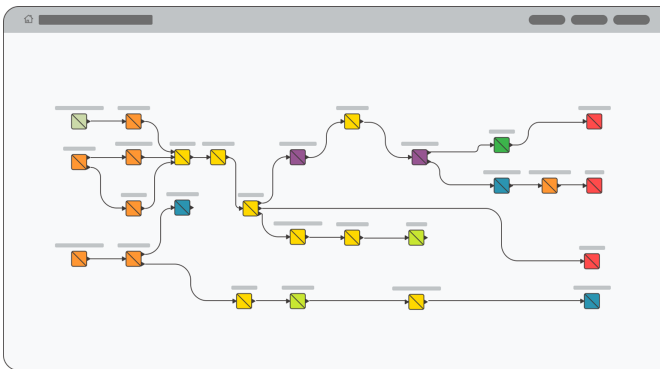
KNIME: A Modern Platform for Audit Excellence

Automate testing, scale coverage, and ensure transparency across audit work

Increase Innovation

KNIME Analytics Platform

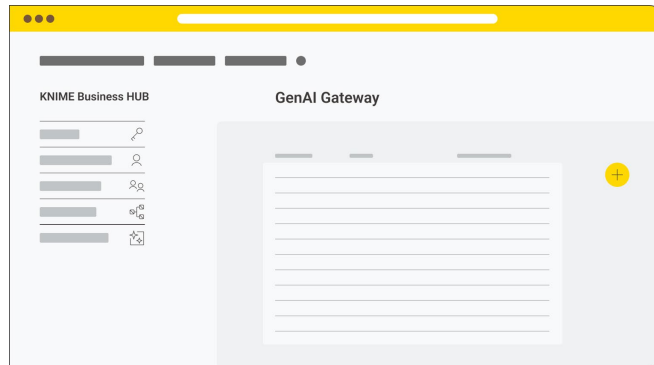
Design visual workflows for audit testing, exception checks, and reconciliations – no coding required.



- Build repeatable workflows for audit testing and analysis
- Connect directly to SAP, Excel, and other key data sources
- Ensure traceability with built-in audit trails

KNIME Business Hub

Centralize, govern, and share audit workflows across teams with version control, collaboration, and deployment options.



- Centralize and version audit workflows for consistency
- Reuse and adapt workflows across audits, entities, or regions
- Support continuous monitoring through governed workflows

Reduce Risk

Speakers



Tejus Naik

Sales Strategy & Enablement Manager,
KNIME



Muzeebur Rahiman Shaik

Senior Manager - GRC, AI & Analytics,
Crowe Oman



Dashiell Brookhart

Data Scientist, KNIME

Agenda

1. Expert Session: How Auditors Can Escape Legacy Tools
2. Introducing the KNIME for Audit Starter Pack
3. Demo: KNIME for Audit Starter Pack
4. Audience Q&A via online questions

Abstract geometric lines in the top right corner of the slide, consisting of several overlapping triangles and polygons in a light yellow color.

Expert Session with Muzeebur

KNIME For Audit Starter Pack

A collection of ready-to-use apps to run common audit tests

Incorrect Totals

Detect transactions with incorrect totals to ensure all transactions are valid and mathematically accurate.

Fuzzy Name Matches

Detect duplicate or fraudulent records with similar-sounding names to ensure all transactions are authorized and accurate.

Duplicate Transactions

Identify and flag repeated transactions to ensure they are valid and properly authorized.

Split Transactions

Identify split transactions used to bypass approval limits to ensure proper authorization and compliance..

Even Dollar Transactions

Flag suspicious round-figure entries to ensure transactions are valid and not fraudulent.

Matched Data

Spot matching records across data sources to reconcile and ensure consistency

High Std Deviation

Highlight unusual outliers in transactions that may indicate errors, misuse, or fraud.

Suspicious Date Range

Identify unusual transaction timing to ensure transactions are valid and authorized..

Transaction Volume Summary

Generate volume summaries by period to monitor trends and detect anomalies

Transaction Aging Report

Recalculate aging reports to ensure timely collection, accurate reporting, and monitoring of overdue balances.

Built in collaboration with our partners:



Abstract geometric lines in the top right corner of the slide, consisting of several overlapping triangles and polygons in a light yellow color.

Demo: KNIME For Audit Starter Pack



How to Escape Legacy Tools for Smarter Audit

Scalable, Explainable, Future-Ready

Muzeebur Rahiman Shaik
Senior Manger - GRC | AI & Analytics
Crowe Oman

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Internal Audit Objectives & Challenges

Audit Objectives

Audit Must Deliver More Than Assurance

➤ Assurance – Confidence

- Backward-looking
- Sample-Driven

➤ Insight – Intelligence

- Real-time Visibility
- Broader coverage

➤ Foresight – Future Readiness

- Anticipate risks
- Strategic partner

Challenges

Coverage



Accuracy



Completeness



Efficiency

Audit Tools and Techniques

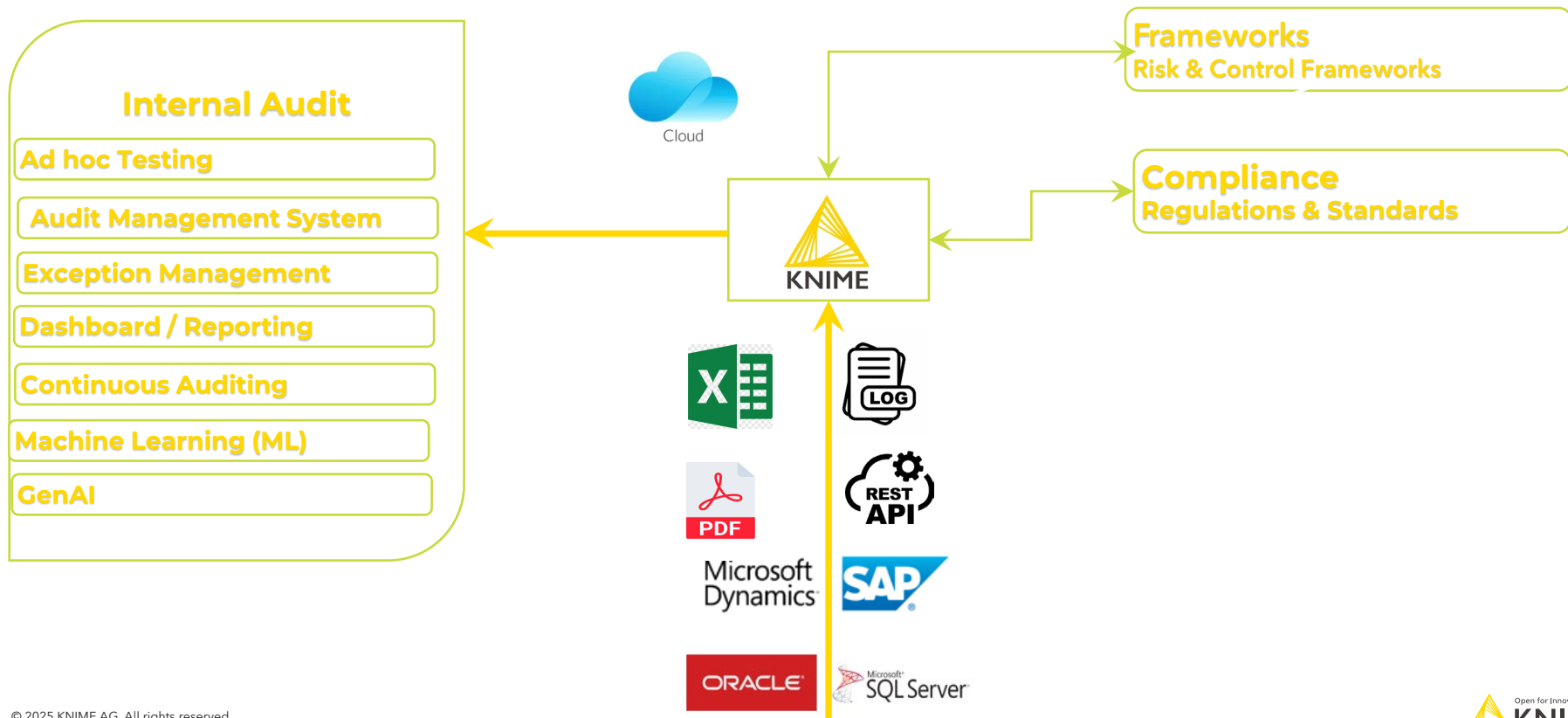
- Spreadsheets
- CAATs- Data Analytical Tools (ACL, IDEA)
- Data Connector Tools & Add-on Connectors for PDF , OCR .
- ETL Tools (Informatica, DataStage)
- Exception Management & Visualization Tools (Power BI, Tableau, Qlik)

This is where **most** audit functions are

-
- Continuous Auditing Tools (CA)
 - Predictive Analytics Tools (ML, Python, R, TensorFlow, Scikit-learn)
 - GenAI Tools (ChatGPT, Copilot, LLaMA, Domain-specific AI models)

This is what **modern** audit functions are doing

Data Driven Audit Approach with KNIME



The Path to Success with KNIME



Self-Service Audit Analytics

Insights are delivered faster and independently



Centralized Logic & Controls

Testing and oversight logic is reused, versioned, and access-controlled across teams



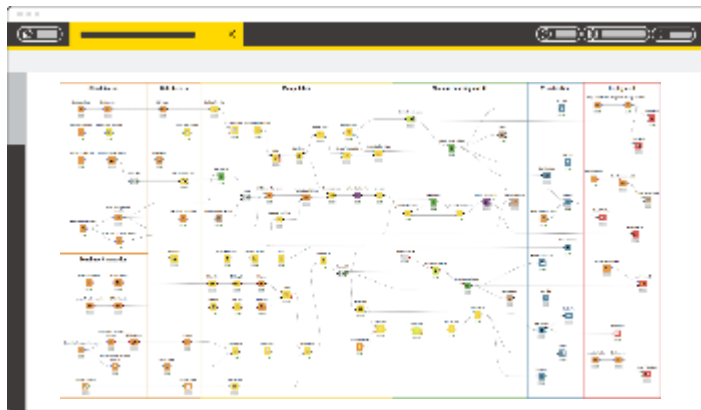
Governed AI & Risk Oversight

AI and GenAI models are governed, reviewed, and risk-controlled for audit readiness

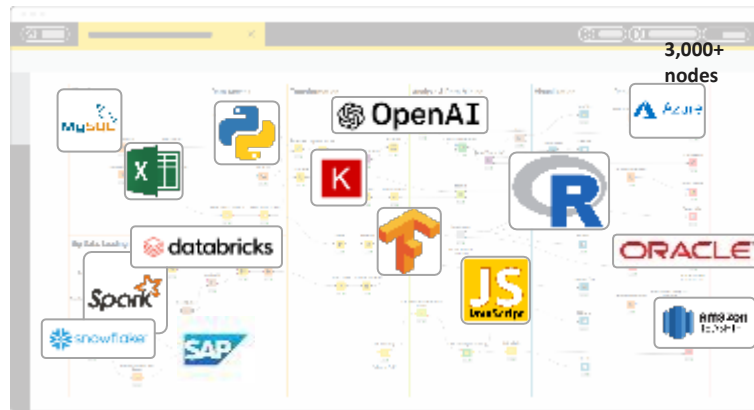


Scaled Impact

Audit and compliance logic is automated and accessible across the organization



- Replace spreadsheets with traceable, drag-and-drop logic
- Build control tests, rules, and assessments - no coding needed
- Enable hands-on exploration for audit and compliance staff
- Make every step explainable and review-ready



- Access SAP, Oracle, Excel, and more
- Combine data across audit, risk, and compliance tools
- Avoid IT delays in accessing critical systems
- Focus on logic, not backend complexity

The Path to Success with KNIME



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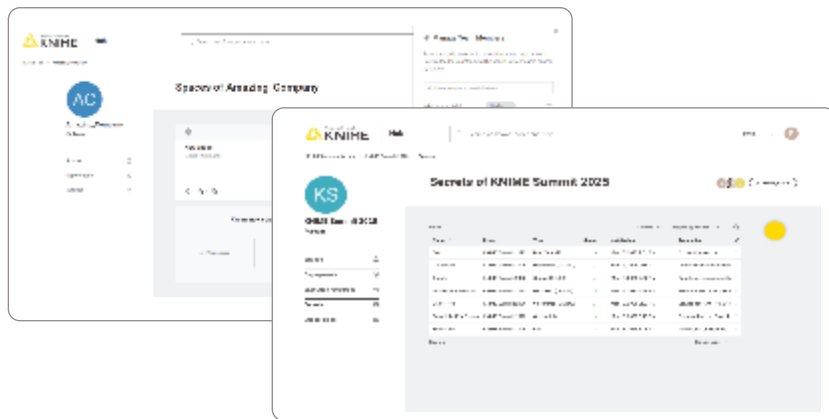
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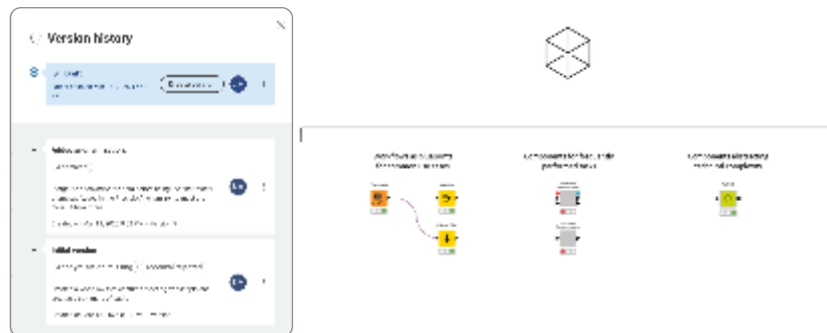


Scaled Impact

Audit and compliance logic is automated and accessible across the organization



- Clear ownership and structured collaboration using 'teams' and 'spaces'
- Apply role-based access and approval flows for sensitive logic
- Centrally manage access to audit data sources and systems



- Version and track every change for full auditability
- Build test scripts and control checks once - reuse across engagements
- Reduce prep time with templates for key audit and compliance workflows

The Path to Success with KNIME



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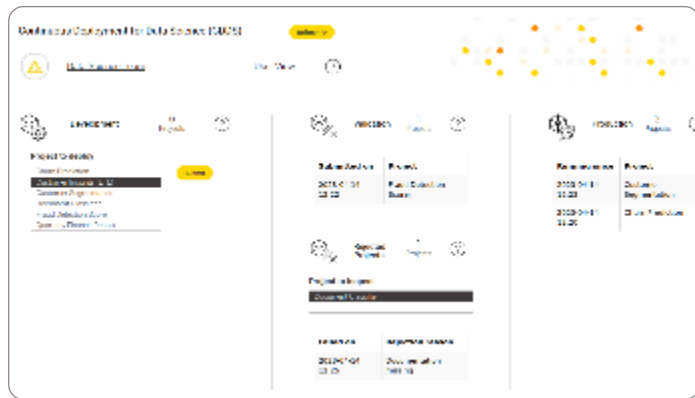
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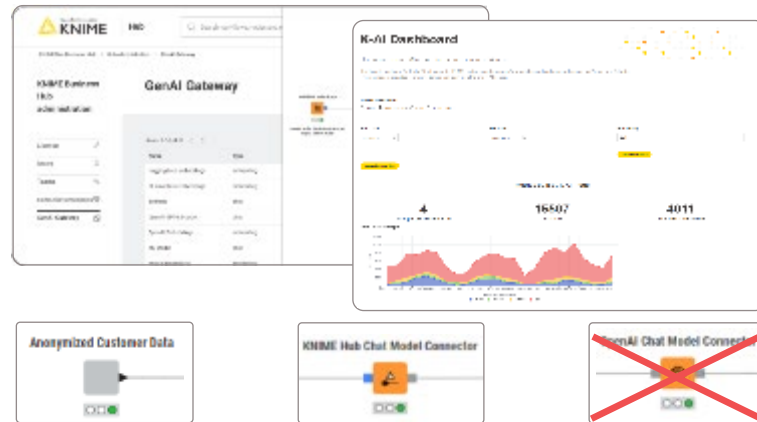


Scaled Impact

Audit and compliance logic is automated and accessible across the organization



- Validate ML models used in fraud detection or risk scoring
- Document AI model testing logic, thresholds, and review criteria
- Track model approvals to meet audit and compliance standards
- Create audit trails for how AI decisions impact financial or risk outcomes



- Control access to GenAI - enforce use of only approved providers
- Monitor how GenAI is used in audit documentation or control testing
- Flag prompts or outputs that conflict with compliance policies
- Log and retain GenAI activity to meet regulatory and audit reviews

The Path to Success with KNIME



Self-Service Audit Analytics

Insights are delivered faster and independently



Centralized Logic & Controls

Testing and oversight logic is reused, versioned, and access-controlled across teams



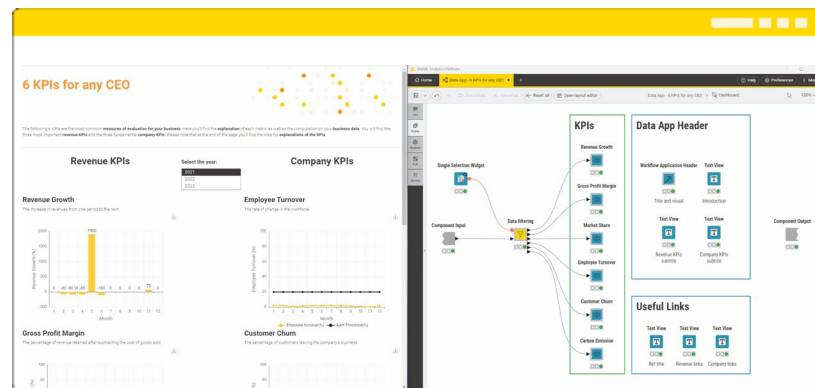
Governed AI & Risk Oversight

AI and GenAI models are governed, reviewed, and risk-controlled for audit readiness



Scaled Impact

Audit and compliance logic is automated and accessible across the organization



- Automate audit tests and compliance checks on a schedule or trigger
- Unlock continuous auditing and continuous controls monitoring
- Run testing logic across systems via secure REST APIs
- Ensure timely detection of exceptions, control failures, or anomalies

- Enable business, risk owners, and auditors to run workflows via data apps
- Guide inputs and justifications through structured review steps
- Fold in expert judgement – without needing technical skills
- Capture actions and context for full transparency and auditability

Abstract geometric lines in the top right corner of the slide, consisting of several overlapping triangles and polygons in a light yellow color.

Q&A

Let's stay in touch



Reception



Stage



Networking



Expo



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Contact us

Thank you

