



How to Build a High-Impact Audit Function with KNIME

June 25, 2025

Audit Is Under Pressure and Poised for Transformation

Growing complexity, fewer resources, and smarter tools are changing the game

Today's Audit Pressures

- Growing demand for broader, real-time risk coverage
- Manual, repetitive tasks dominate the audit cycle
- Key data trapped in SAP, Excel, and other silos
- Inconsistent processes across teams and regions

Why Modernize Now?

- AI and automation are redefining audit expectations
- Rising pressure from regulators and boards
- Low-code platforms bring automation & analytics to auditors
- Leading teams scale fast with reusable, governed workflows

Audit leaders need a modern platform to move faster, collaborate better, and deliver deeper insight without added complexity.
That's where KNIME comes in.

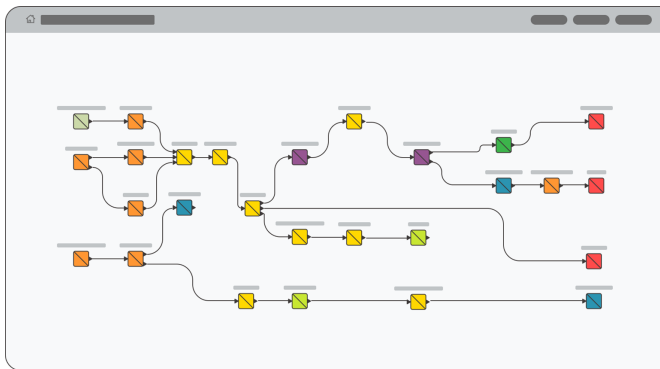
KNIME: A Modern Platform for Audit Excellence

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

Increase Innovation

KNIME Analytics Platform

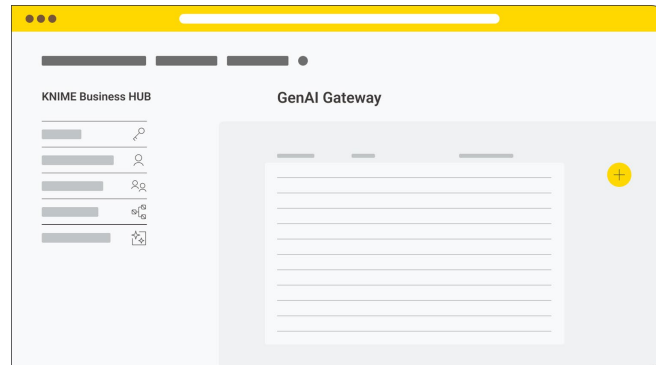
Design visual workflows for audit testing, exception checks, and reconciliations – no coding required.



- 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



Atanas Bosakov

Manager, Internal Audit Analytics, IGT



Darron Walton

CEO, DVW Analytics



Ian James,

Account Executive, DVW Analytics



Jennifer Ostyn,

Senior VP Revenue, KNIME

Agenda

1. Modernizing audit at IGT with KNIME
2. Unlocking SAP data: overview + live demo
3. Coffee chat with audit leaders
4. Audience Q&A via online questions

Let's stay in touch



Reception



Stage



Networking



Expo



Contact Us!

Contact Us to
request a demo to
see our audit
solutions in action



www.knime.com



[/company.knime.com](https://www.linkedin.com/company/knime)



[@knime_official](https://www.instagram.com/knime_official)



[KNIMETV](https://www.youtube.com/KNIMETV)

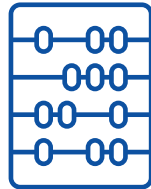


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Modernizing audit at IGT with KNIME

How to Build a High-Impact Audit Function with KNIME

Efficient | Systematic | Reproducible | Integrated



Framework

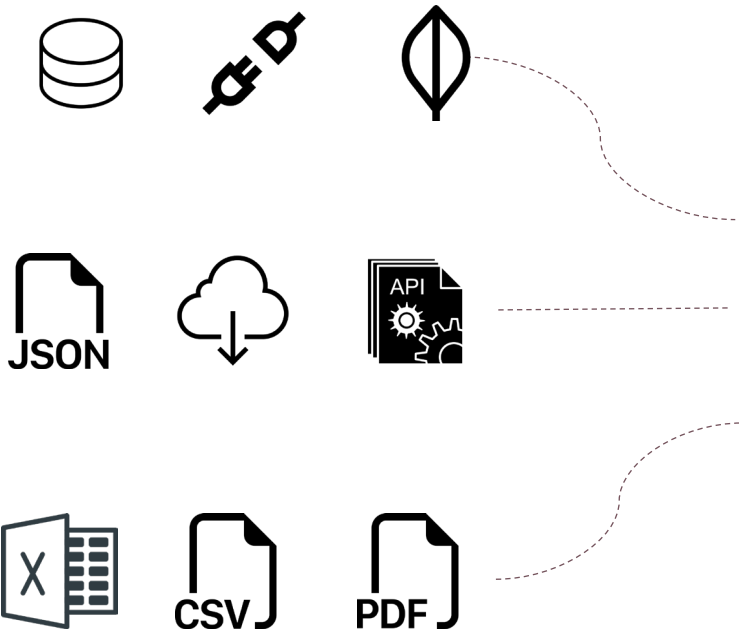


Examples

IA Analytics Framework

KNIME BUSINESS HUB

Data



Version Control
Automation
Knime Apps

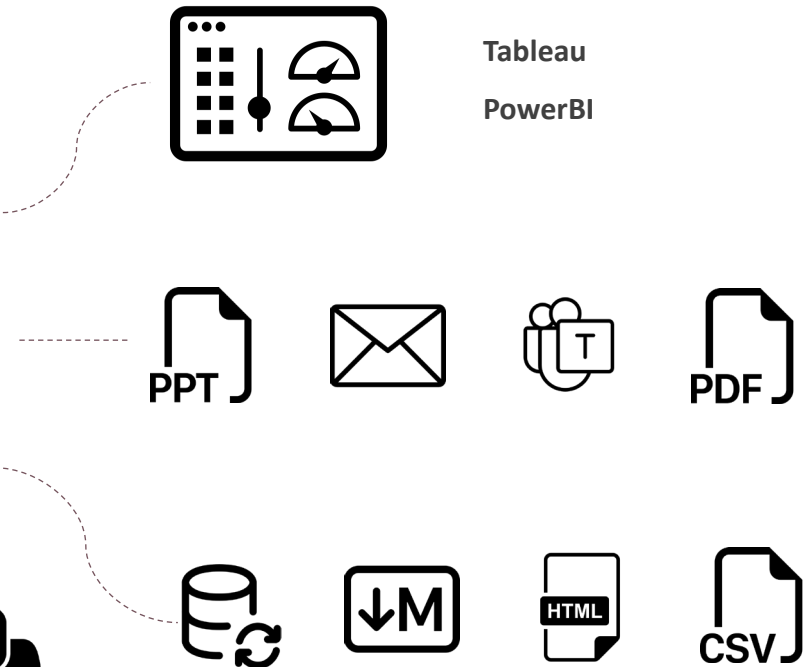
SAP Data



Code
Data Science Libraries



Insights

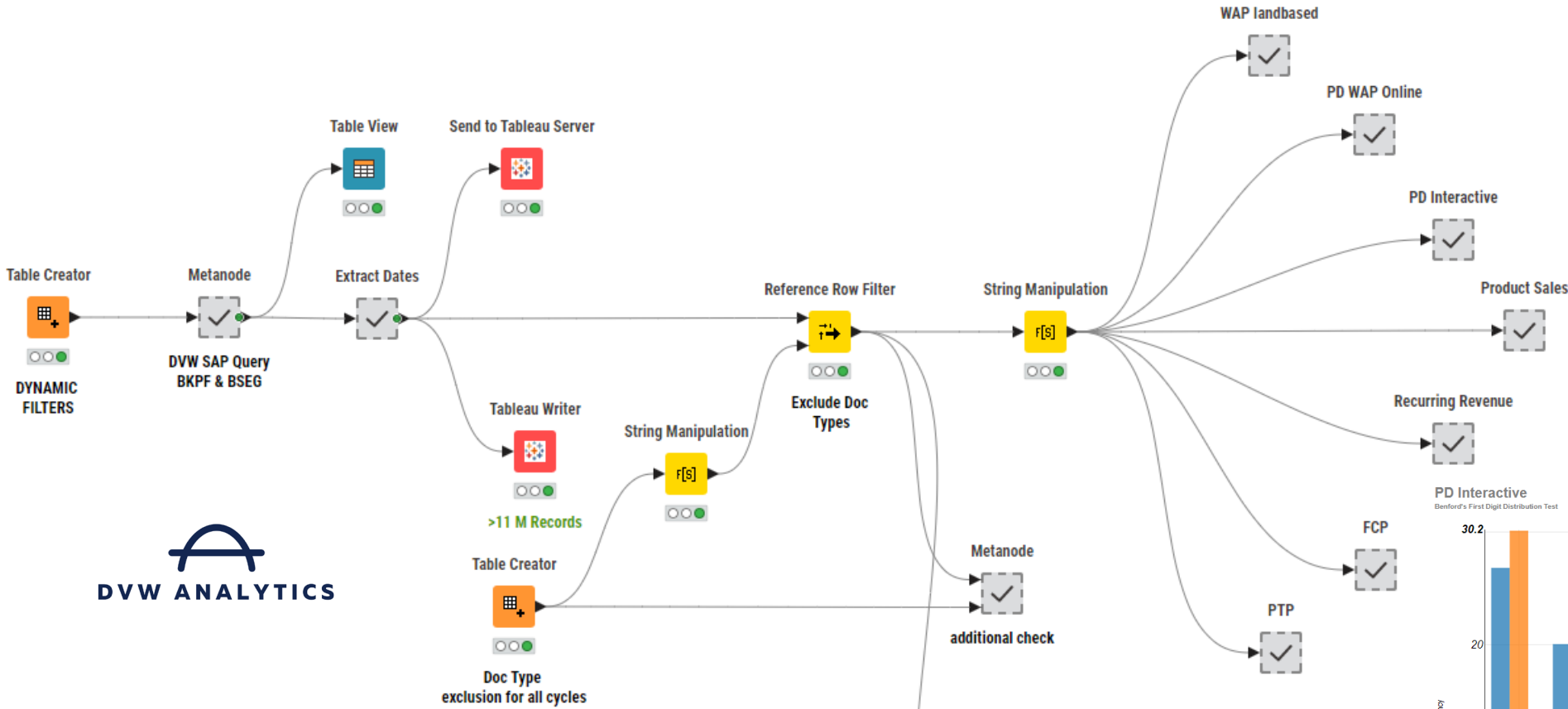


Continuous Data Pipeline | Agility | FOSS | Efficiency | Parsimonious Queries | Reproducible Work | Audit Trail | Rapid Responses | Analytics Maturity

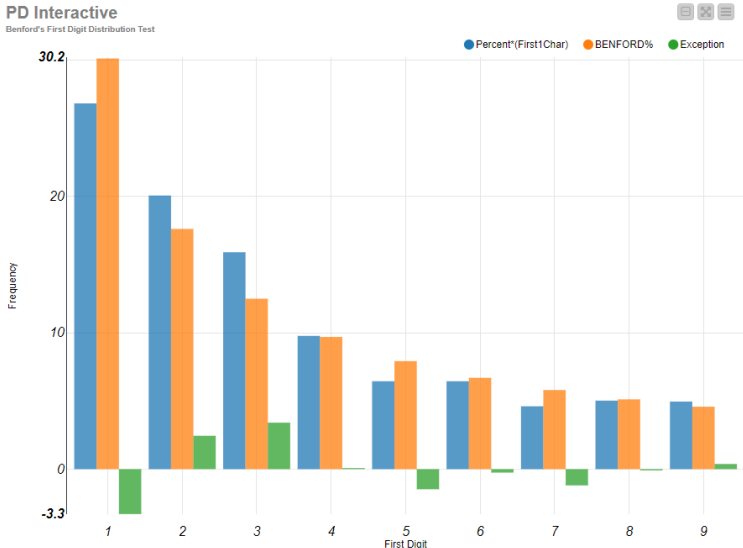
JE | Anomaly Detection | Benford's Law

Table View BKPF | BSEG

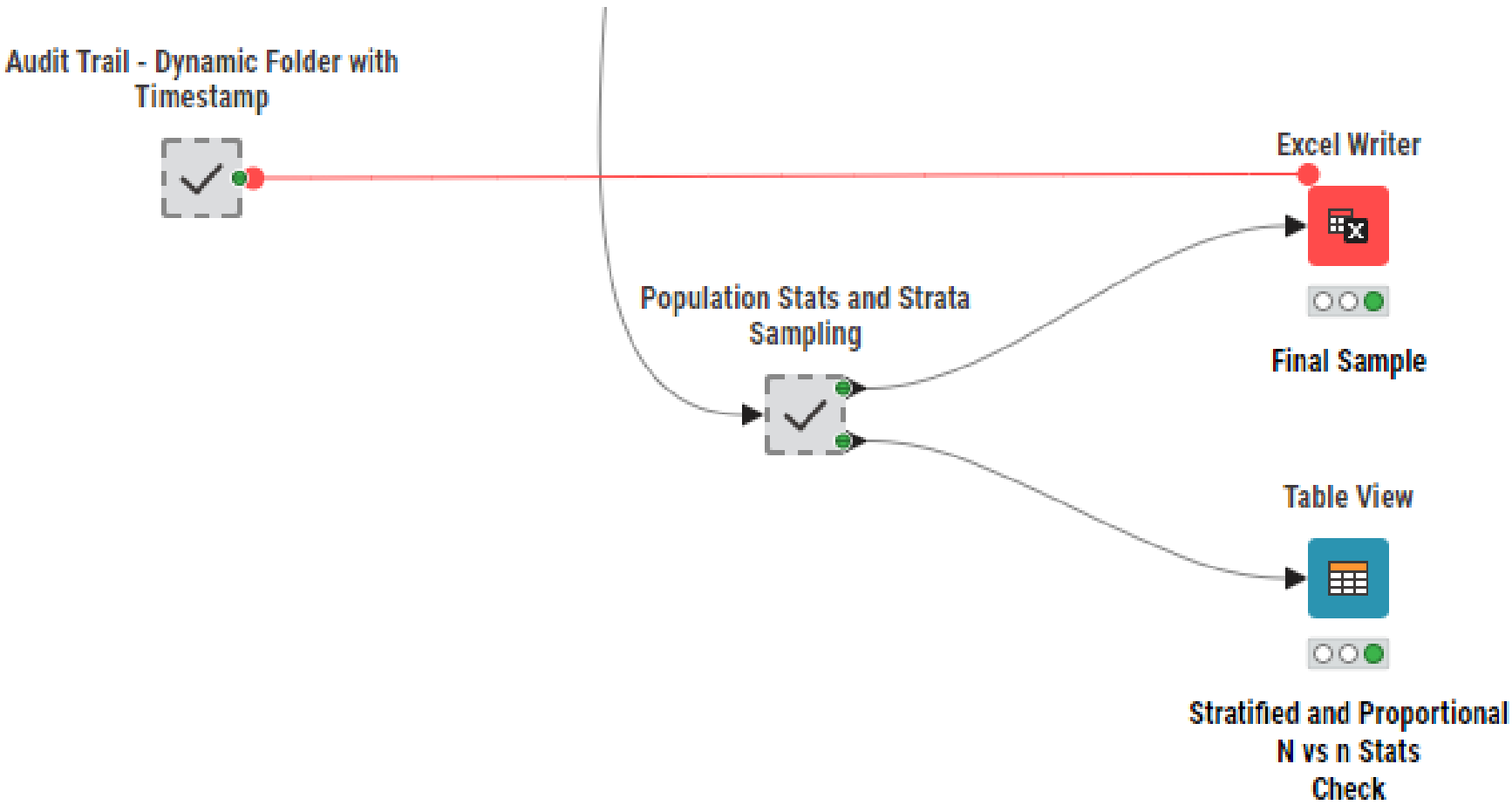
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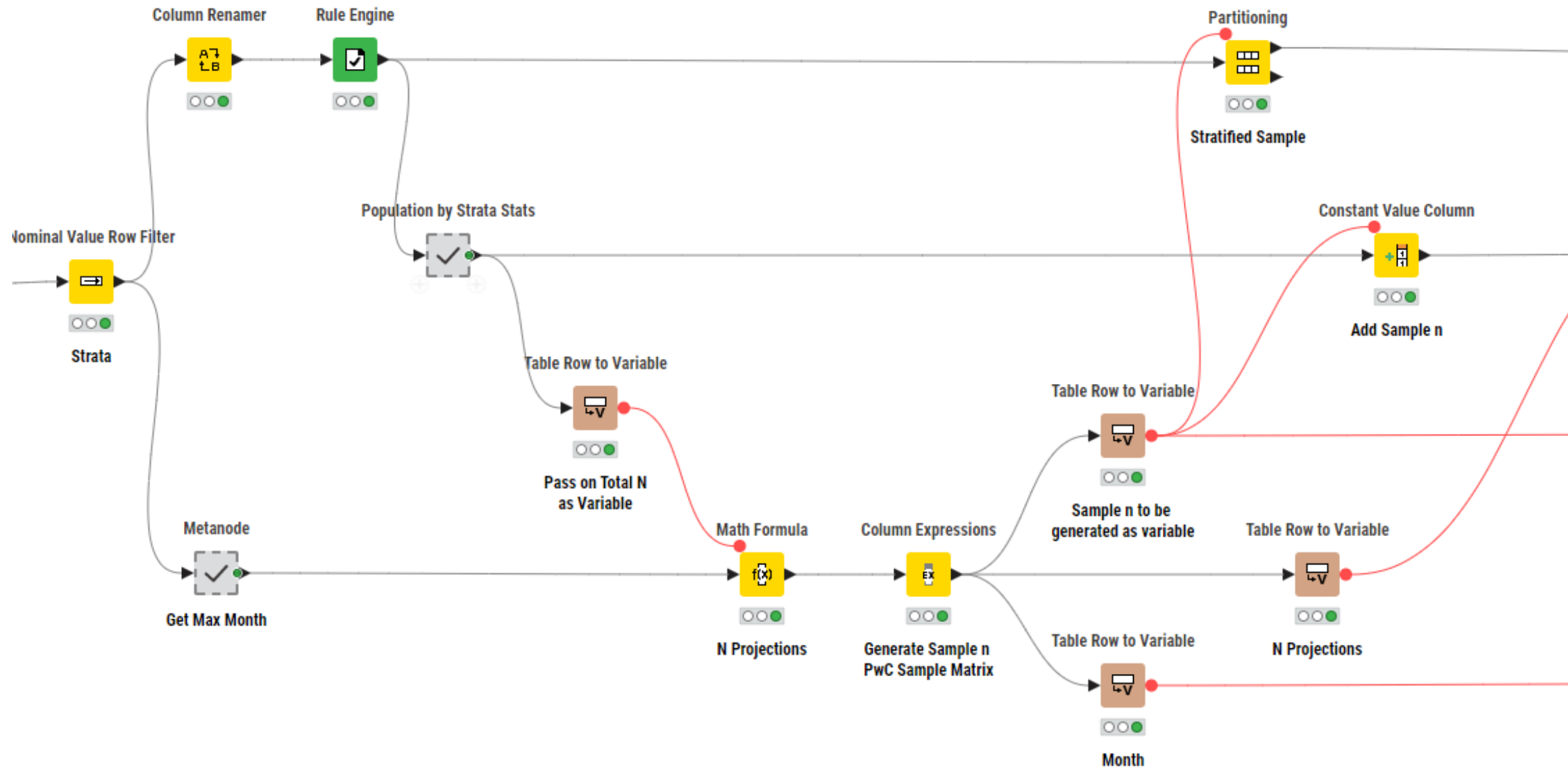
- Benford's Law Graphs
- FCP_2024-02-06.xlsx
- PD Interactive_2024-02-06.xlsx
- PD WAP Online_2024-02-06.xlsx
- Product Sales_2024-02-06.xlsx
- PTP_2024-02-06.xlsx
- Recurring Revenue_2024-02-06.xlsx
- WAP landbased_2024-02-06.xlsx



Population and Sampling Statistics | Stratified Proportional Random Sampling



... with dynamic parameters | flow variables



SOX GLOT


Select the start and end dates

Start Date

2024-01-01

Today

End Date

2024-05-31

Today

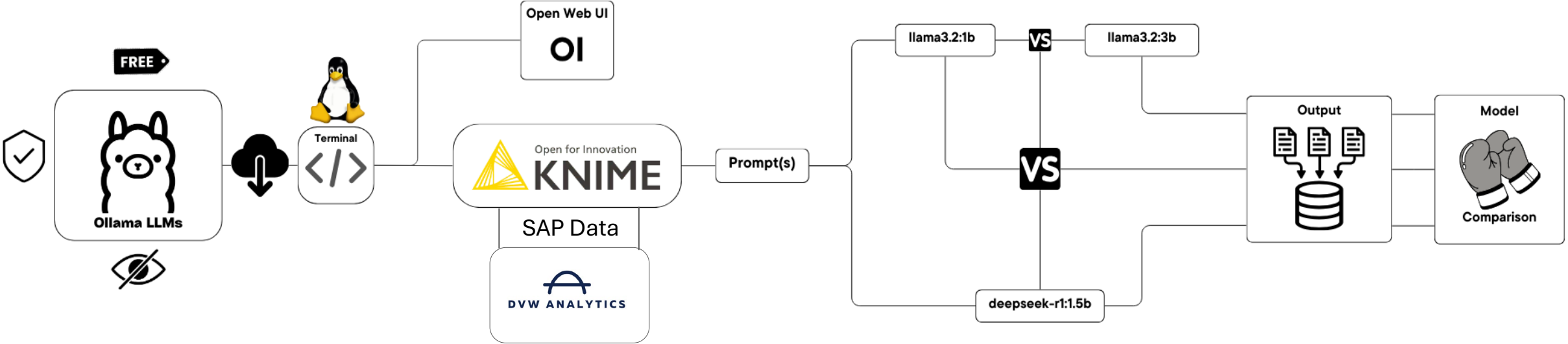
SOX GLOT

Enter Company Code(s)

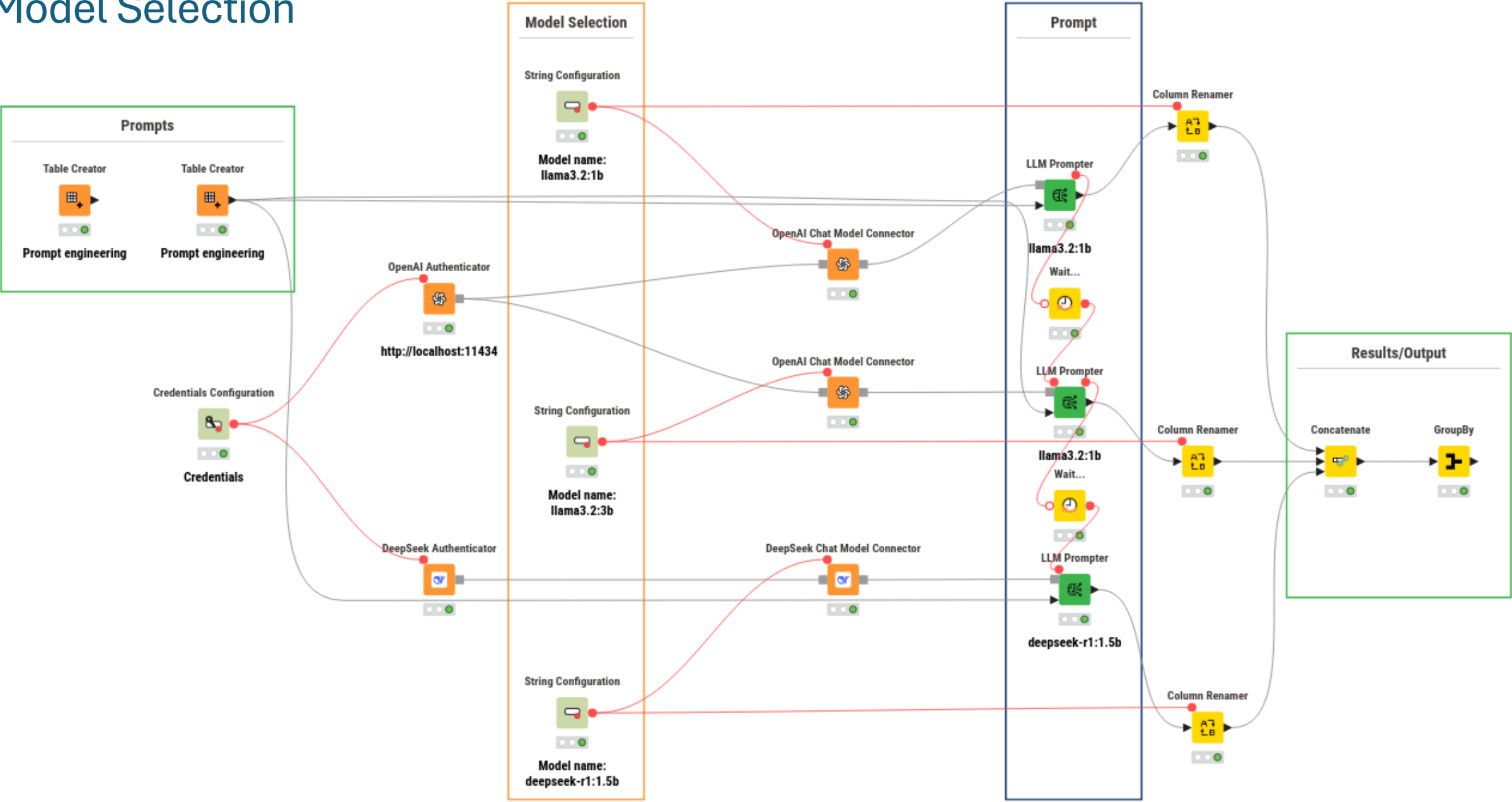
If multiple, separate by "," | Example: ABC, XYZ

NCYB, MNIB

AI in IA



Model Selection



A series of overlapping, thin white lines forming various geometric shapes like triangles and polygons in the top right corner of the slide.

Unlocking SAP data: Overview

DVW KNIME Connector Capability Summary



ERP (PAST, PRESENT & FUTURE OF SAP)

SAP R/3	SAP ECC	SAP S/4HANA	SAP S/4HANA CLOUD - PUBLIC	SAP S/4HANA CLOUD - PRIVATE
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ANALYTICS

SAP BW & BW/4HANA	SAP ANALYTICS CLOUD
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PLANNING

SAP BPC	SAP IBP
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HR

SAP SUCCESS FACTORS

CRM & CUSTOMER EXPERIENCE (CX)

SAP SALES CLOUD	SAP SERVICE CLOUD
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SAP MARKETING CLOUD

PROCUREMENT

SAP Ariba COMING IN 2025

TRAVEL & EXPENSE

SAP CONCUR COMING IN 2025

SAP BUSINESS SUITE (5+ LEGACY APPLICATIONS)

SAP CRM	SAP SCM
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INDUSTRY SOLUTIONS (25+)

SAP OIL & GAS (IS-OIL)	SAP UTILITIES (IS-U)	SAP RETAIL (IS-R)
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SAP Read Capabilities

SAP Table / View <i>SAP Transparent Tables, Pooled Tables, Clustered Tables</i>
SAP T-Code / Report <i>Standard and custom ("Z")</i>
SAP Fiori Apps
SAP Spool
SAP Report File (AL11)
SAP Query (SQVI)
SAP Document & SAP Long Text <i>Attachments including PDF, Image Files etc.</i>
SAP BAPI & SAP RFC Enabled Function Module
SAP Archive / SAP PBS Archive
SAP BW Query / Query View / Hierarchy
SAP BW InfoProvider <i>InfoCubes, Multi Providers, Composite Providers, InfoSets, DSO, ADSO, InfoObjects acting as InfoProviders</i>
SAP HANA View <i>CDS View, Calculation View, Attribute View, Analytic View</i>
SAP S/4HANA Cloud <i>SAP OData</i>
SAP SuccessFactors <i>SAP OData</i>
SAP Integrated Business Planning (IBP) <i>SAP OData</i>
SAP Analytics Cloud <i>SAP REST API</i>

SAP Write Capabilities

SAP BAPI / SAP RFC Enabled Function Module
SAP IDoc
SAP SuccessFactors <i>SAP OData</i>
SAP Analytics Cloud <i>SAP REST API</i>

General Features / Capabilities

Works with KNIME Analytics Platform & KNIME Hub
No restrictions on number of SAP systems that can be connected to in a single KNIME Workflow
No restrictions on number of workflow executions
Designed to optimize extract of large data volumes <i>Customers extracting tens of millions & hundreds of millions of rows of data into KNIME</i>
Respects Governance & Controls of the SAP system <i>Including User Authorisations and Safety Belts</i>
Support SSO to SAP
No staging of data between SAP and KNIME
Support for Delta extracts

Free 30-day trial at
www.dvwanalytics.com/free-trial.html

