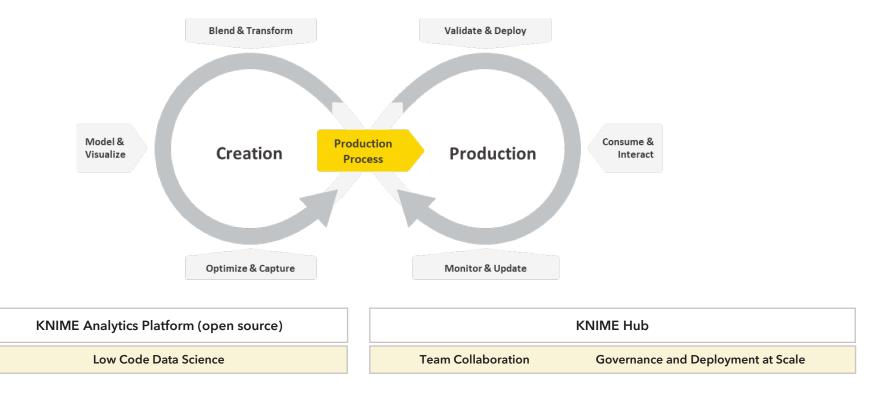


Intro and Software News

KNIME Product Team



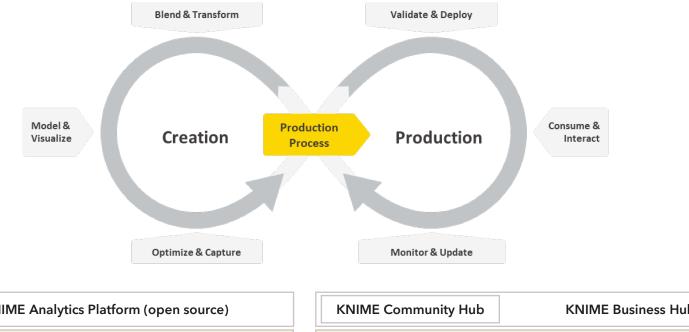
The Data Science Life Cycle and KNIME Software

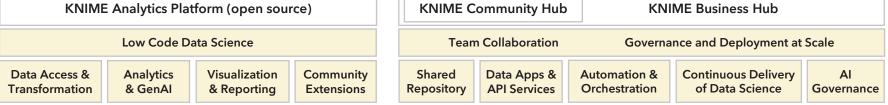


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The Data Science Life Cycle and KNIME Software







3

KNIME Analytics Platform

KNIME Analytics Platform: Topics for today

- KNIME Analytics Platform 5
- KNIME Reporting
- KNIME AI Extension and KNIME Workflow Assistant
- (101 more changes)



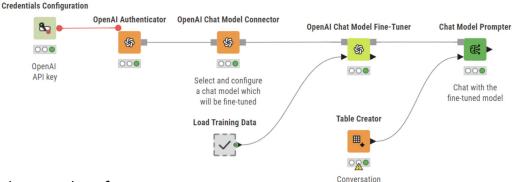
Demo



6

GenAl related functionality

OpenAl Chat Model Fine-Tuner

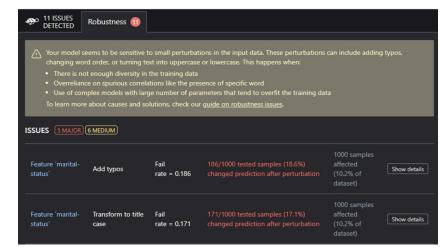


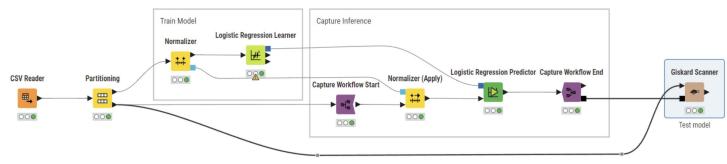
- Microsoft Presidio nodes for PII
 - Detection
 - Anonymization
 - Deanonymization



AI quality assurance with the Giskard Scanner node

- Analyzes end-to-end machine learning workflows
- Detects various kinds of issues
 - Performance
 - Robustness
 - And more

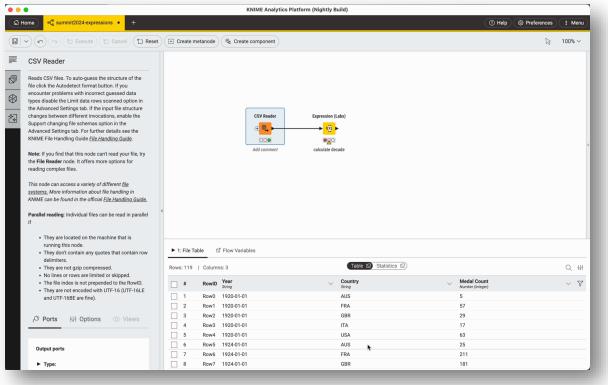






New expression node

- Replacement for String
 Manipulation, Math Formula,
 Rule Engine, with modern UI
 and AI assistance
- Also coming: support multiple expressions and windowing to replace Column Expression node

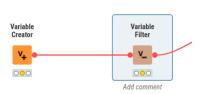


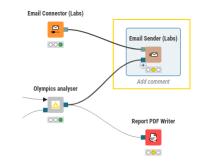


Other quality of life enhancements (and more)

Improved Reporting and Email Processing

Variable Filter



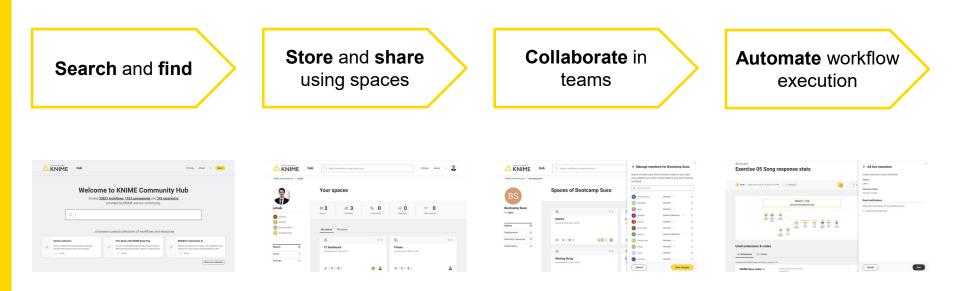


- Performance, esp. for frequently used nodes
- Modern UI Enhancements (more than just keyboard shortcuts)



KNIME Community Hub

KNIME Community Hub is a place to...

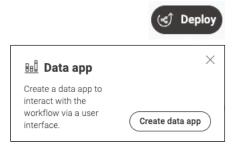


Try it out at: hub.knime.com



What's Cooking for Community Hub

- Deploy data apps
 - Control access of app usage
 - Manage workflow versions deployed



Workflow editing in a browser - demo

- Workflow editing playground
 - An onboarding experience with the goal of learning visual workflow building
 - Targeted at people new to KNIME workflow editing



Getting Started with KNIME Community Hub

- Check your email!
 - You'll receive a voucher for KNIME Community Hub
 - Redeem the voucher for one Team free for one month with 1500 execution credits*

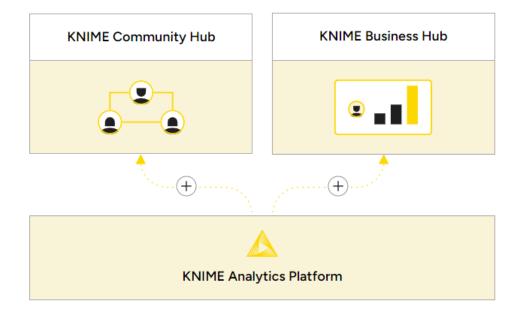
* The voucher credits may require a day or two to appear in your account



KNIME Business Hub

KNIME Business Hub

For individuals and small teams



Build analytic solutions with an intuitive, low-code, no-code interface For larger teams with business needs





Creating Community with KNIME Business Hub

Share Expertise

Build a Knowledge Base

Jump Start using Components

Make Data Analysis possible by everyone

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KNIME Business Hub: What's new

Demo



KNIME Business Hub: What's new

How to use secrets in KNIME workflows

Secrets Retriever node

- Allows user to select any number of secrets to use in the workflow
- Output ports dynamically adapt to selected secret types e.g. from flow variable to Microsoft Authentication or both
- In place of credentials and authenticator nodes



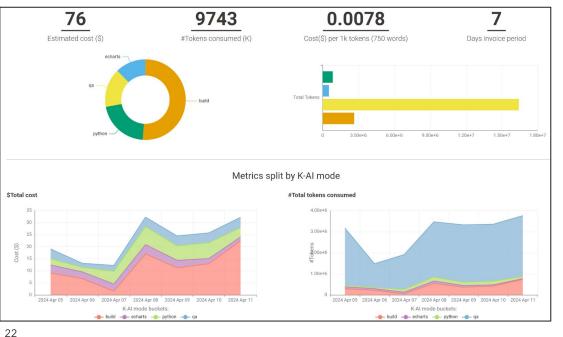
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Oracle	13	\sim
Flow variable name for secret devSecret		
Secret 3		Û
Secret name		
Secret Team » Shared Google API key secret		\sim
Add secret		
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KNIME Business Hub: What's new

Managing K-Al

- Configure K-AI to utilize a hosted AI (OpenAI, Azure AI)
- Ready-to-use data app for usage and cost monitoring
 - API endpoint allows customized analysis







Al Model Management

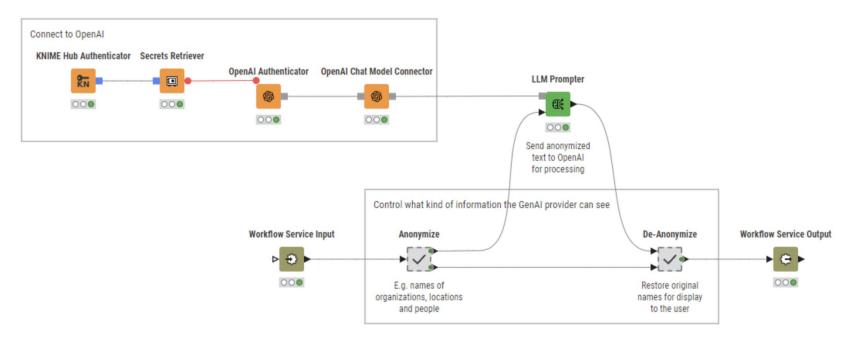
		Q	Search workflows, nodes and more	Arrow Register Al model
KNIME Dev Business Hub	> Hub administration	> AI models		My Custom Model
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				Cancel Save changes



24

AI Proxy

- Modify and validate requests of KNIME Business Hub users
 - Customizable via workflows

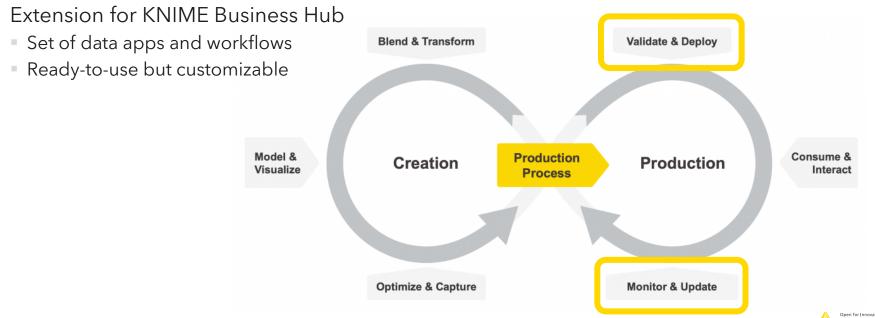




KNIME Business Hub: Recap

Continuous Deployment for Data Science (CDDS)

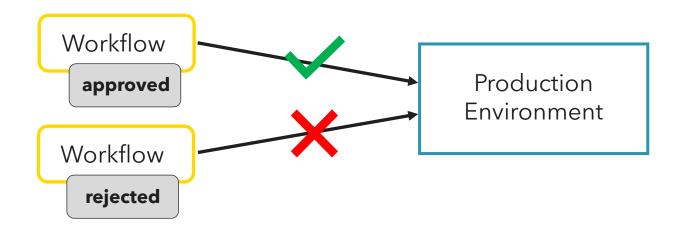
- Automate validation process when deploying workflows
- Automate monitoring and retraining of workflows in production
- Separation of development, validation and production environments



KNIMF

Safeguarding Production Environments

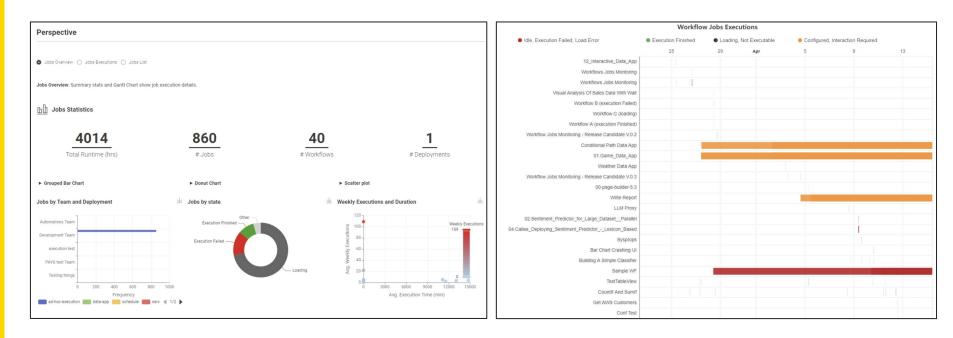
- Validation of workflows executed in production is enforced
 - Automated validation through triggers and (customizable) validation workflows
 - Manual approval by designated reviewers
- Workflows are labeled as being approved or rejected
- Configurable to meet individual compliance requirements





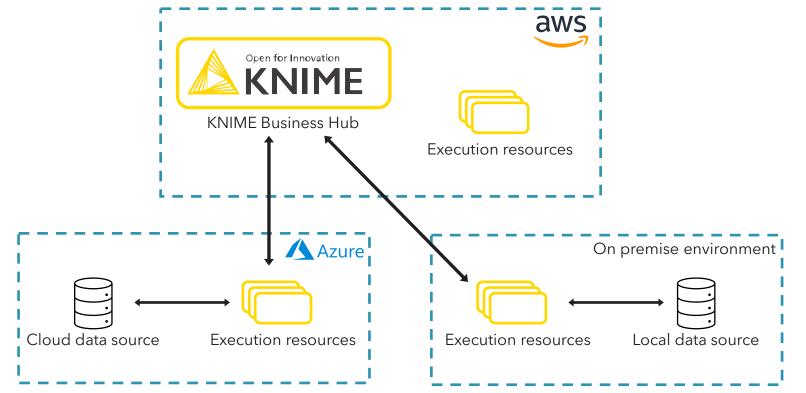
Job Instrumentation

Monitor jobs executed on KNIME Business Hub





Hybrid Execution



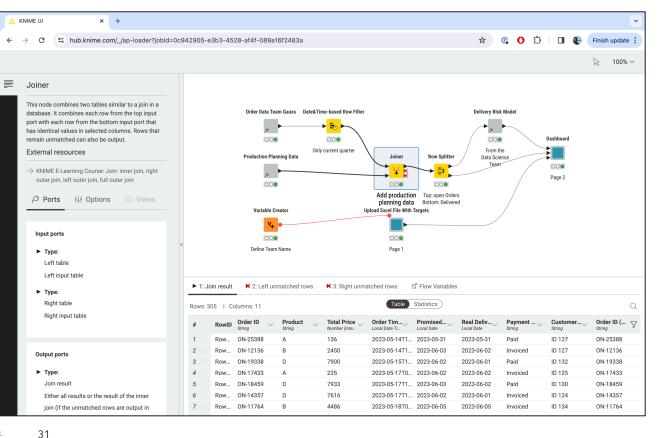


SCIM (System for Cross-domain Identity Management)

- Open standard for identity information management
- Let your identity provider manage your Hub team and user setup
- Supports various identity providers, e.g.
 - Microsoft Entra ID
 - Okta
 - and more



Job Viewer





KNIME Business Hub - Cloud Marketplaces



KNIME Business Hub - Basic KNIME Business Hub - Standard KNIME Business Hub - BYOL



Coming soon!





Thanks!

