KNIME Analytics Platform
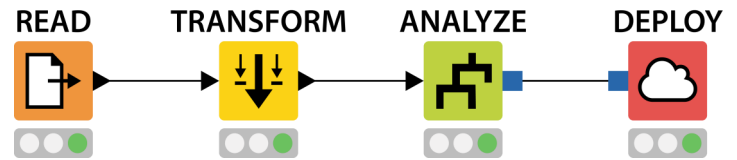
KNIME® Analytics Platform is the leading open solution for data-driven innovation, helping you discover the potential hidden in your data, mine for fresh insights, or predict new futures.

Our enterprise-grade, open source platform is fast to deploy, easy to scale and intuitive to learn.

With more than 1000 modules, hundreds of ready-to-run examples, a comprehensive range of integrated tools, and the widest choice of advanced algorithms available, KNIME Analytics Platform is the perfect toolbox for any data scientist. Our steady position on unrestricted open source is your passport to a global community of data scientists, their expertise, and their active contributions.

END-TO-END ANALYTICS

READ → **TRANSFORM** → **ANALYZE** → **DEPLOY**

Powerful Analytics

- **Powerful**: A vast arsenal of native nodes, community contributions, and tool integrations makes KNIME Analytics Platform the perfect toolbox for any data scientist.

- **Reliable & Trusted**: Hardened in the field since 2008 with 19 software releases and thousands of dedicated users.

- **Scalable:** Toggle effortlessly between single computer, streaming, and big data execution. Integrate new capabilities on top of, alongside, or within your existing infrastructure.

- **Room to Grow:** Extend the capabilities with our commercial extensions for collaboration, performance, and productivity when you are ready to take your analytics to the next step.
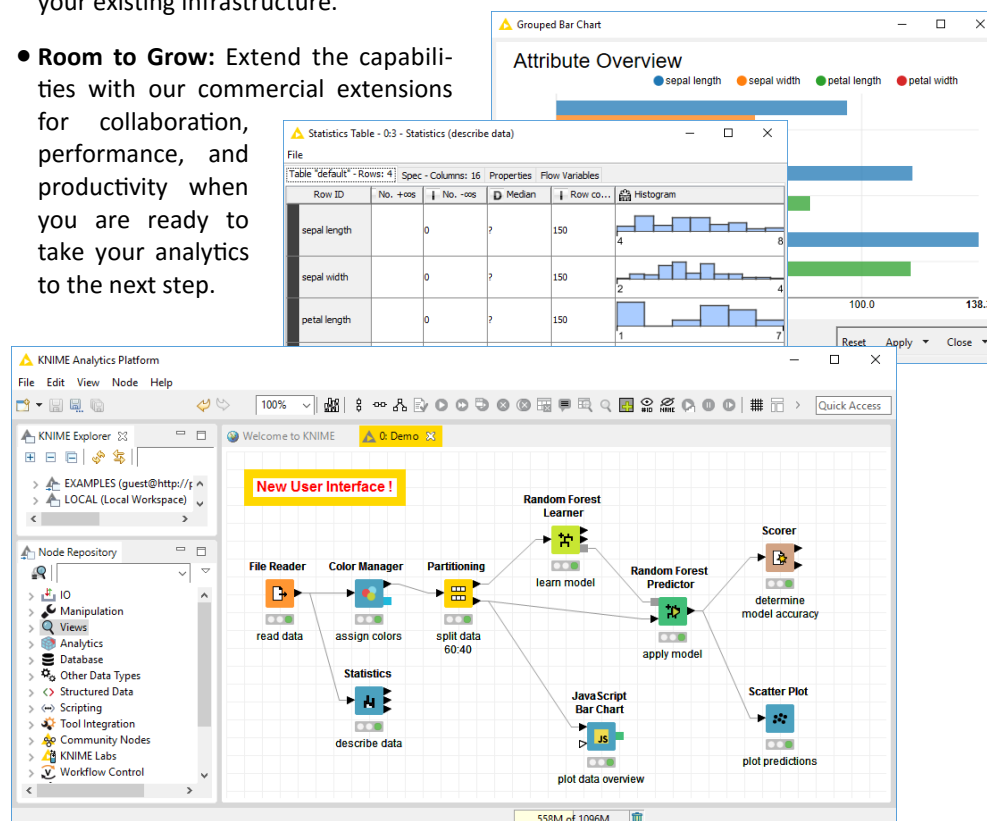
Data & Tool Blending

- **Data Blending:** Simple text files, databases, documents, images, networks, and even Hadoop-based data can all be combined within the same visual workflow.

- **Tool Blending:** Integration of more than a dozen tools, including legacy scripting/code, allows expertise to be reused, graphically documented, and shared among data scientists.

- **Visual:** Easy-to-learn graphical interface means that coding is optional and work is visually documented.

Open Platform

- **Unrestricted Open Source**: We release our latest, complete code base under the GPLv3 license, with support for major operating systems. The only restriction is your creativity.

- **Open Platform:** Your innovation is amplified by bringing our massive worldwide community of data scientists to your most difficult analytics problems.

- **Portable & Durable**: Backwards compatibility ensures that existing workflows continue to function with new versions, future-proofing your work. Industry-leading PMML support allows effortless model portability & deployment.

>1000 Modules and Growing

- Connectors for all major file formats and databases
- Support for a wealth of data types: XML, JSON, images, documents, and many more
- Native and in-database data blending & transformation
- Math & statistical functions
- Advanced predictive and machine learning algorithms
- Workflow control
- Tool blending for Python, R, SQL, Java, Weka, and many more
- Interactive data views & reporting
- **Many more**, including time series, image, text, and network analysis

Extend KNIME Analytics Platform
with KNIME Commercial, Community & Partner Extensions

COLLABORATION

Need to coordinate with your team?

KNIME Collaboration Extensions are built to scale from small workgroups to worldwide enterprises.

KNIME TeamSpace: Enables groups to share data, nodes, and workflows.

KNIME Server Lite: Builds on TeamSpace to add authentication & user rights, remote and scheduled execution.

KNIME WebPortal: Extends Server Lite with publishing and workflow access in a web browser.

KNIME Server: Our flagship collaboration product, adding web services, workflow versioning, and commercial support to all of the features listed above.

KNIME Cloud Server: The power of KNIME Server taken to the cloud, eliminating the need for on-premise installation or maintenance.

PERFORMANCE

Need more horsepower for your serious analytics challenges?

KNIME Performance Extensions parallelize and distribute compute tasks for the most compute-intensive and large-scale analytics problems.

KNIME Big Data Connectors: Enable effortless access to Hadoop/HDFS via Hive.

cloudera CERTIFIED   **Hortonworks** Certified HDP   **MAPR.** Certified Technology Partner

KNIME Spark Executor: Provides efficient distributed computing of KNIME analytics workflows across Apache Spark deployments.

KNIME Cluster Executor: Enables distributed computing on Oracle Grid Engine clusters.

All KNIME Performance Extensions integrate smoothly with KNIME Server.

PRODUCTIVITY

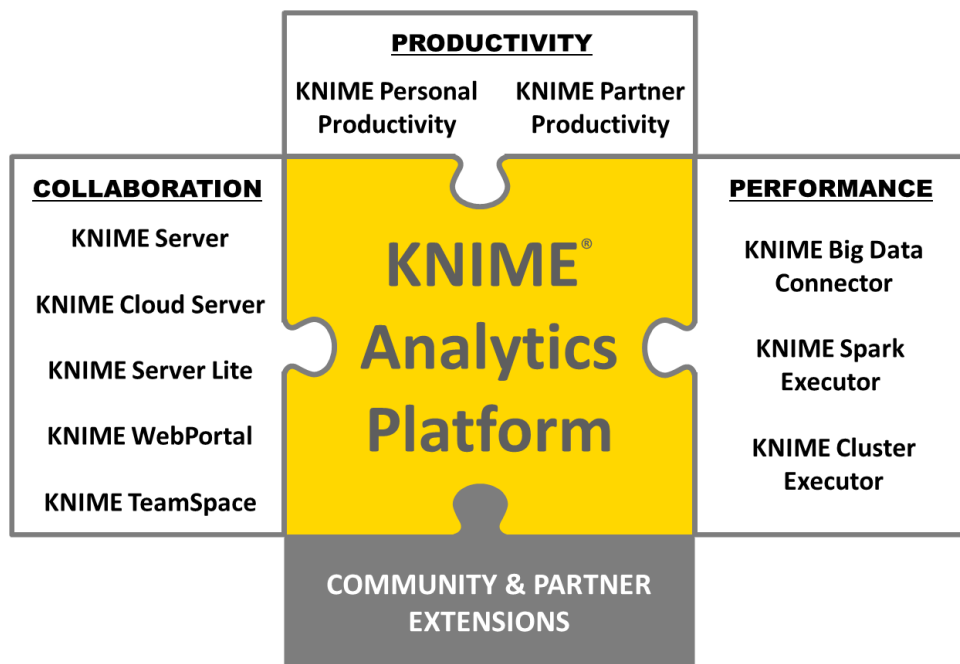*Need to streamline routine tasks?*

KNIME Productivity Extensions let you be more efficient in creation, reuse, and deployment of analytics workflows.

KNIME Personal Productivity: A basket of capabilities to accelerate your productivity with KNIME Analytics Platform, including workflow change analysis, node linking, and the ability to call workflows from other workflows.

KNIME Partner Productivity: Allows consultants to close, lock, encrypt, and distribute nodes to their clients while protecting intellectual property.

Community & Partner Extensions

KNIME Community and Partners create and contribute intellectual property, from broadly useful modules to domain-specific solutions solving pressing problems for specialists.

PRODUCTIVITY

KNIME Personal Productivity   KNIME Partner Productivity

COLLABORATION

KNIME Server

KNIME Cloud Server

KNIME Server Lite

KNIME WebPortal

KNIME TeamSpace

KNIME® Analytics Platform

PERFORMANCE

KNIME Big Data Connector

KNIME Spark Executor

KNIME Cluster Executor

COMMUNITY & PARTNER EXTENSIONS

About KNIME

At KNIME®, we build software for fast, easy, and intuitive access to advanced data science, helping organizations drive innovation.

For over a decade, a thriving community of data scientists in over 60 countries has been applying our platform to every kind of data: from numbers to images, molecules to humans, signals to complex networks, and simple statistics to big data analytics.

KNIME's headquarters are in Zurich, with additional offices in Konstanz, Berlin, and Silicon Valley. We're *open for innovation*®, so visit us at **KNIME.com**

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