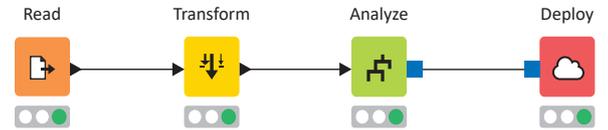


KNIME Analytics Platform

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 2000 nodes, hundreds of ready to run workflow 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 provides access to a global community of data scientists, their expertise, and their active contributions.



Powerful Analytics

Powerful:

A large library of native nodes, community contributions, and tool integrations makes KNIME Analytics Platform the perfect toolbox for any data scientist.

Reliable and Trusted:

Hardened in the field since 2008 with bi-annual software releases and thousands of dedicated users.

Scalable:

Toggle easily 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 of KNIME Analytics Platform with KNIME Server for collaboration, automation, and deployment functionalities.

Data and Tool Blending

Data Blending:

Simple text files, databases, documents, images, networks, even data based on Apache Hadoop, can all be combined within the same visual workflow.

Integrating R and Python:

Include R and Python code in your KNIME workflows, reusing expertise, which is graphically documented and shared among data scientists.

Tool Blending:

KNIME Big Data Extensions integrate Apache Hadoop, Spark, and MLib. Additional integrations include deep learning frameworks and other machine learning libraries (H2O, Weka, and more). Blend state of the art tools with the ease of use of KNIME workflows.

Visual Documentation:

Easy to learn graphical interface means that coding is optional and work is documented visually.

Open for Innovation

Portable and Durable:

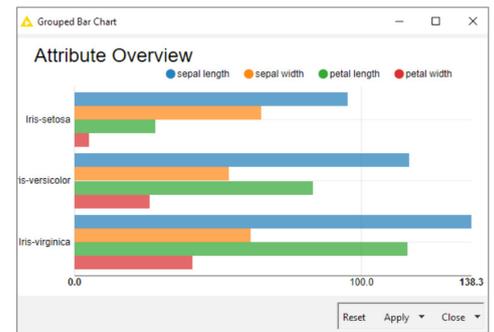
Backwards compatibility ensures that existing workflows continue to function with new versions, future proofing your work. Industry leading PMML support allows effortless model portability and deployment.

Open Platform:

Be inspired by hundreds of example workflows available on the public example server and fully functional, real world use cases.

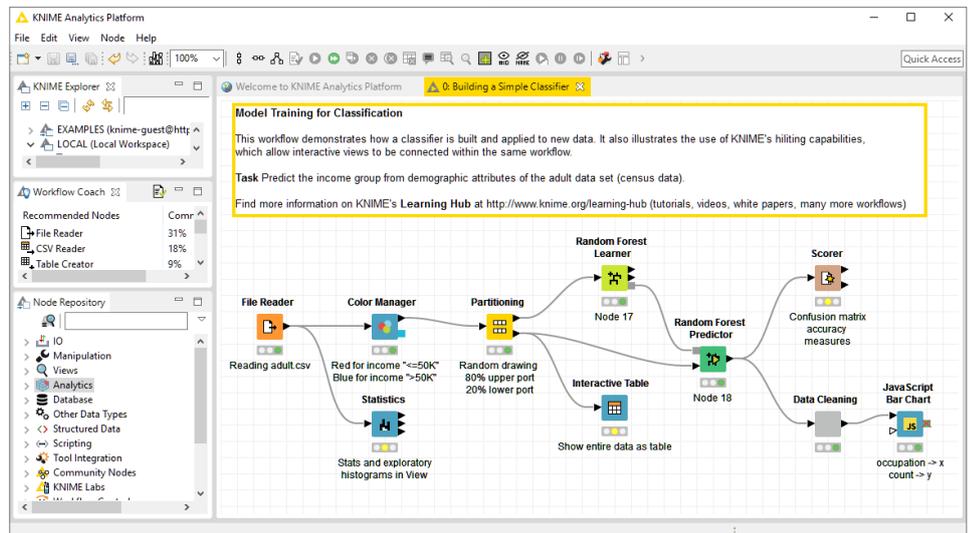
Unrestricted Open Source:

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



2000 Nodes and Growing

- Connectors for all major file formats and databases
- Native and in database data blending and transformation
- Support for a wealth of data types such as XML, JSON, images, documents, networks, time series, and many more
- Advanced predictive and machine learning algorithms
- Integrations with state of the art machine learning libraries: H2O, Keras for Deep Learning, Scikit-Learn, etc.
- Interactive data views and reporting using web based methods



KNIME Extensions and KNIME Supported Extensions

Among the many KNIME extensions are integrations with prominent open source projects. There is also a variety of other extensions providing access to complex data types (images, texts, documents, time series and sequences, audio, and more).

KNIME Big Data Connectors provide access to Apache Hadoop data from within KNIME Analytics Platform and KNIME Server, enabling access to Apache Hadoop data storage such as Apache Hive and Impala.

KNIME Extension for Apache Spark gives you the ability to model and run Apache Spark jobs from within KNIME Analytics Platform or KNIME Server, bringing the power of scalable analytics to your familiar KNIME environment.

Integrations for R and Python enable you to use pieces of R or Python code as an integral part of your KNIME workflows. Build a predictive model, apply that model to new data, or simply create other types of visualizations.

Deep Learning nodes allow you to read, create, edit, train, and execute deep neural networks within KNIME Analytics Platform. Keras provides access to various state of the art deep learning frameworks, such as TensorFlow, CNTK, and others.

Recently an integration for H2O was added, which enables you to reach out to this high performance machine learning library via KNIME nodes.

Community & Partner Extensions

You also have access to a large ecosystem of community and third party extensions:

KNIME Community Extensions are open source contributions from other KNIME users which are easily accessible from within KNIME Analytics Platform. These extensions cover an additional wide range of functionalities such as image analysis, churn prediction, and bio and chem informatics.

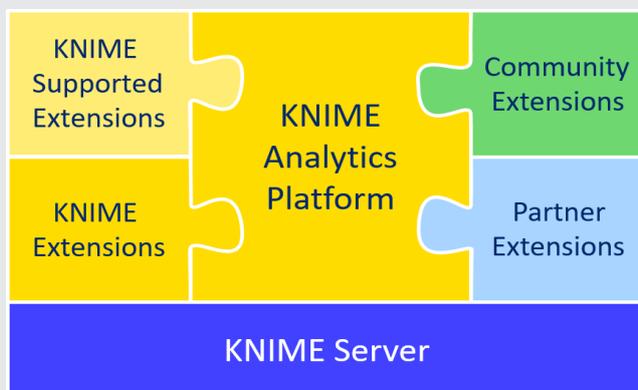
KNIME partners add extensions, integrating sophisticated scientific software, providing access to a wealth of tools within a KNIME workflow.

You can package your own code into KNIME by using the KNIME SDK environment. While you are at it, consider contributing it to the KNIME community.

KNIME Server: Collaboration, Automation, Deployment

The full featured, unrestricted, open source, and free KNIME Analytics Platform is the perfect environment for unleashing the potential of a single data scientist. When you are ready to take your analytics to the next level, KNIME Server provides collaboration, automation, and deployment using KNIME workflows. The KNIME Server comes in three editions:

- KNIME Server Small enables small teams of up to ten users to share and modify workflows, upload and share metanode templates, and more. Users are also able to access KNIME WebPortal.
- KNIME Server Medium expands on KNIME Server Small by adding more consumers as well as REST access.
- KNIME Server Large adds multiple installations, authentication, KNIME Big Data Extensions, and all types of distributed workflow execution. KNIME Server Large comes with premium support.



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 working with our platform on every kind of data: from numbers to images, molecules to humans, signals to complex networks, and simple statistics to big data analytics.

Our headquarters are based in Zurich, with additional offices in Konstanz, Berlin, and Austin. We're open for innovation®, so visit us at KNIME.com.