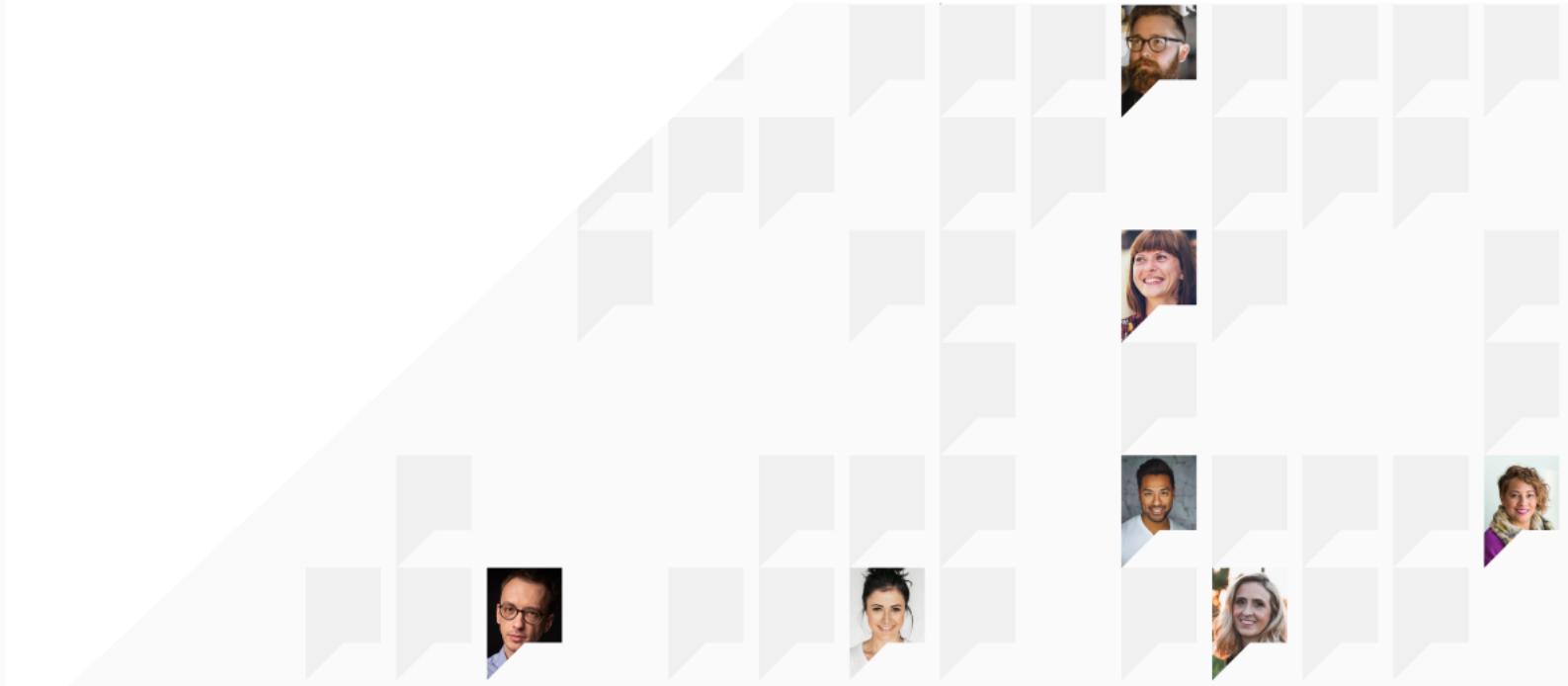
PeerSpot

SAS Analytics

vs. KNIME

Reviews, Tips and Advice from Real Users

June 2025



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SAS Analytics VS. KNIME

Executive summary

SAS Analytics and KNIME are both established competitors in the data analytics segment. KNIME has an advantage due to its open-source nature, offering flexibility and a better value for its pricing model.

Features: SAS Analytics provides enterprise-ready statistical analysis, advanced forecasting tools, and data visualization, ideal for large enterprises managing complex data. KNIME is noteworthy for its intuitive data blending, machine learning capabilities, and workflow automation, which benefit smaller businesses or those preferring customizable solutions.

Room for Improvement: SAS Analytics could enhance its user interface to be more intuitive and reduce the complexity of some statistical methods. It would also benefit from a streamlined integration process for quicker deployment and a more flexible pricing model. KNIME might improve in offering more direct enterprise support options, providing better documentation for advanced features, and enhancing its dataset handling for exceptionally large data volumes.

Ease of Deployment and Customer Service: SAS Analytics offers extensive deployment options suitable for large-scale setups, though it may require more time to implement. Its well-established support infrastructure provides reliable customer assistance. KNIME offers a straightforward deployment model, being open-source, with an active community-based support system that enables faster integration of solutions.

Pricing and ROI: SAS Analytics has higher initial costs but justifies these with

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comprehensive features and potential returns for large-scale projects, albeit the investment can be considerable. KNIME's cost-effective model with less immediate expense and favorable ROI makes it particularly appealing to budget-conscious users who prioritize adaptability in analytics solutions.

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Solution	SAS Analytics	KNIME
Ranking	4.5	4.5
Sample customers	egon, Alberta Parks, Amway China, Axel Springer, Bank of America, Belgium Special Tax, CAP Index, CareSource, CBE Group, Cemig, Center for Responsible Lending, CESCE, Ceska sporitelna, Chantecler, Chico's, Chubb Group of Insurance Companies, CIGNA Thailand, City of Wiesbaden, Germany, Confused.com, Creditreform, Des Moines Area Community College, Deutsche Lufthansa, Directorate of Economics and Statistics, DIRECTV, Dow Chemical Company, Dow Chemical Company, Dun & Bradstreet, EDF Energy, Electrabel GDF SUEZ, ERGO Insurance Group, Erste Bank Croatia, Farmers Mutual Group, Finnair, Florida Department of Corrections, Geneia, Generali Hellas, Genting Malaysia Berhad, Grameenphone, Grandi Salumifici Italiani, HealthPartners, Highmark, Hong Kong Efficiency Unit, HP, Hyundai Securities, Illinois Department of Healthcare and Family ServicesInc Research, ING-DiBa, Institut Pertanian Bogor, InterContinental Hotels Group (IHG), IOM, Kelley Blue Book, Lenovo, Lillebaelt Hospital, Los Angeles County, Maspex Wadowice Group, National Bank of Greece, New Zealand Ministry of	

Health, New Zealand Ministry of Social Development, Nippon Paper, NMIMS, North Carolina Department of Transportation, North Carolina Office of Information Technology Services, Northern Virginia Electric Cooperative (NOVEC), Oberweis Dairy, ODEC, Ohio Mutual Insurance Group, Oklahoma State University, OneBeacon, Orange Business Services, Orange County Child Support Services, Organic, Orlando Magic, OTP Bank, Plano Independent School District, Project Odyssey, Royal Society for the Protection of Birds, RSA Canada, SCAD, Scotiabank, Singapore National Library Board, Sobeys Inc., SRA International, Staples, Statistics Estonia, Swisscom, SymphonyIRI Group, Telecom Italia, Telef‹nica O2, Town of Cary, Transitions Optical, TrueCar, Turkcell Superonline, UniCredit Bank Serbia, University of Alabama, University of Missouri, USDA National Agricultural Statistics Service

Infocom Corporation, Dymatrix Consulting Group, Soluzione Informatiche, MMI Agency, Estanislao Training and Solutions, Vialis AG

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Top comparisons	**KNIME vs. SAS Analytics** Compared 37 of the time	**Altair RapidMiner vs. KNIME** Compared 27 of the time
	IBM SPSS Statistics vs. SAS Analytics Compared 18 of the time	**Dataiku vs. KNIME** Compared 15 of the time
	Weka vs. SAS Analytics Compared 17 of the time	**Microsoft Power BI vs. KNIME** Compared 14 of the time

Top industries based on reviewers*	Financial Services Firm	**21%**	Financial Services Firm	**12%**
	Computer Software Company	**11%**	Manufacturing Company	**11%**
	Insurance Company	**8%**	Computer Software Company	**9%**
	Educational Organization	**8%**	University	**8%**
Top industries based on companies reading reviews*	Financial Services Firm	**40%**	University	**16%**
	Healthcare Company	**20%**	Comms Service Provider	**13%**
	Insurance Company	**10%**	Retailer	**13%**
	Non Profit	**10%**	Government	**11%**

* Data is based on the aggregate profiles of PeerSpot Users researching this solution.

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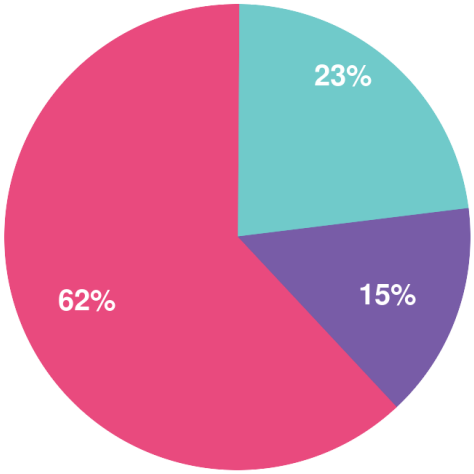
Company Sizes

Small Business Midsize Enterprise Large Enterprise

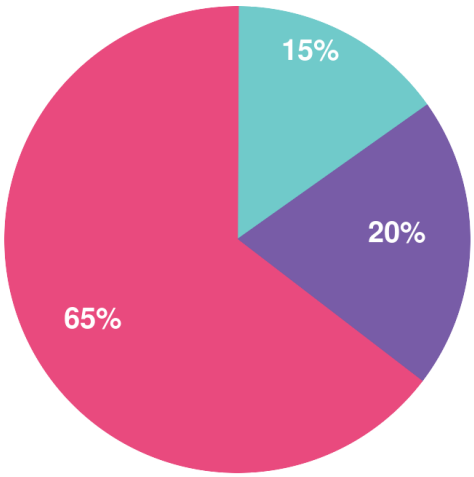
SAS Analytics vs. KNIME

SAS Analytics

by reviewers

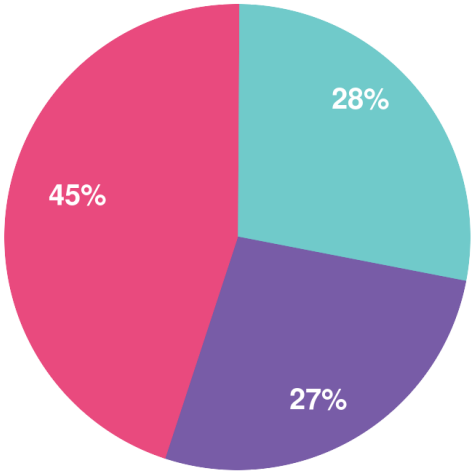


by visitors reading reviews

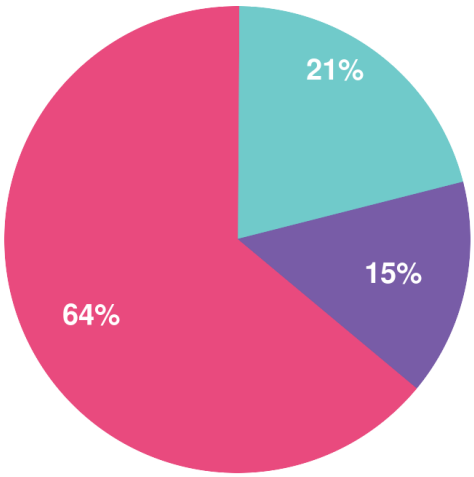


KNIME

by reviewers



by visitors reading reviews



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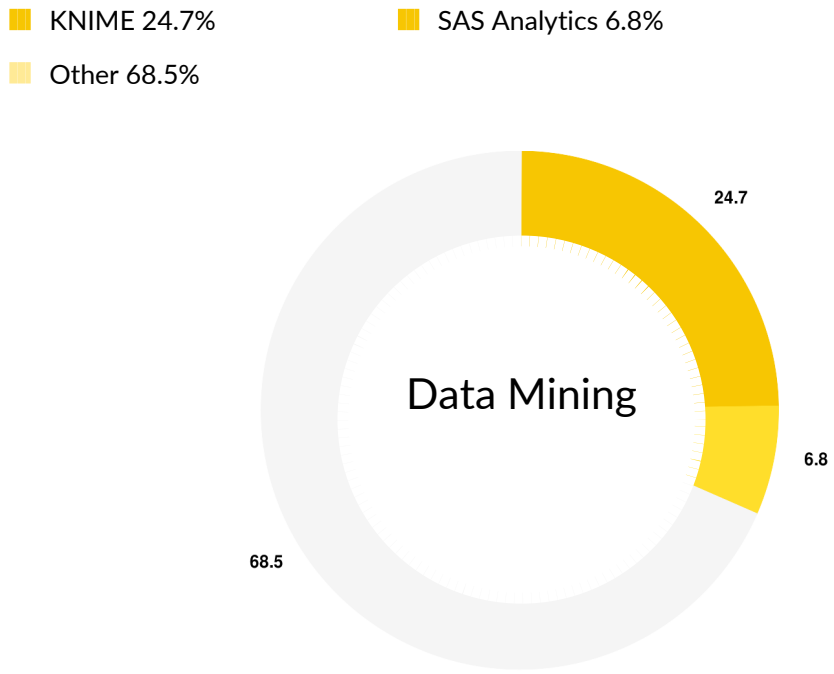
Mindshare And Ranking

As of **June 2025**, in the Data Mining category, the market share of **KNIME** is **24.7%** and it decreased by 27.2% compared to the previous year. The market share of **SAS Analytics** is **6.8%** and it decreased by 8.4% compared to the previous year. It is calculated based on PeerSpot user engagement data.

Mindshare Comparison



Mindshare in Categories

KNIME

No other categories found

SAS Analytics

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Product Recap

SAS Analytics

SAS Analytics Recap

Jump to KNIME Recap

PeerSpot users give SAS Analytics an average rating of 4.6 out of 5.

SAS was founded in 1976 and actually began as a project at North Carolina State University to analyze agriculture research. It has since become a global company that is recognized for its innovation in data analytics and business intelligence. SAS is redefining what's possible with data analytics through greater efficiency, strong information value chains, effective collaboration tools, and state-of-the-art visualization software. SAS Analytics is designed for use in a variety of industries including government, manufacturing, higher education, defense & security, banking, automotive, communications, and much more. SAS Analytics is a business intelligence (BI) solution that has the ability to reveal patterns and anomalies in data, identify relationships and different variables, and predict future outcomes. Users of SAS Analytics will benefit from making more sound, better informed business decisions based on company data and market trends. Data mining, data visualization, text analytics, forecasting, statistical analysis, and more are all available through SAS Analytics. Staples, which boasts $27 billion in sales across the globe, has a business philosophy that prioritizes customer loyalty and satisfaction. In order to better engage their customers, Staples utilizes SAS Analytics to plan finely tuned marketing campaigns. Through forecasting and advanced analytics, Staples has been able to rely on fewer contractors, and cut their marketing budget, while improving their customer retention rate.

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Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "I like that it is quickly embedding interactive reports and dashboards into a website, Outlook Mail, or even a mobile app."

AltanAtabarut
Solution Consulting, Growth, Analytics at Akinon

- "All of the data analytics features in SAS Analytics are valuable to us since we're using them daily across our entire analytics team."

Verified user
CTO at a pharma/biotech company with 51-200 employees

- "The team immediately resolves the issues."

Adbul Samad Gabru
Director of Mergers and Acquisitions at Look Alive Investment Pvt. Ltd.

- "It's very easy to use once you learn it."

Ariful Mondal
Global Data Architecture and Data Science Director at FH

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"The technical support is okay."

Dieter Steinmann

Vice President Commercial IT Systems and Digital Channels at a aerospace/defense firm with 10,001+ employees

"The most valuable feature is the ability to handle large data sets."

Mike Turek

Vice President, Business Analysis & Performance at Starboard Cruise Services

"Modeling ones and figures, such as PROC LIFETEST, PROC LOGISTICS, PROC GPLOT. PROC FREQ and PROC MEANS, are also among the valuable features."

Eshetu G. Atenafu

Senior Biostatistician at a healthcare company with 10,001+ employees

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What users had to say about valuable features:

The most valuable aspect of SAS Analytics is the ability to automate work using macros without heavily relying on technology teams. By leveraging macros, I can create functions that operate independently, streamlining workflows efficiently. This capability enhances productivity by reducing the need for manual intervention and technical support.

Ernesto Tapia
Finance Business Intelligence at Banco Santander Mexico SA Institucion de Banca

Read full review

"The ever increasing number of functions and analytics which are added to the product each year. They have provided virtually everything we have needed to accomplish our task, as well as continuously improving our accuracy.."

Verified user
CEO at a tech services company

Read full review

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“SAS is a third-party software, therefore it absolutely has to "play nice" with other software platforms. It is able to connect to all major platforms, and all the smaller platforms that I have come across.

It has also been around for an extremely long time, has a strong history, and good market penetration..”

Donald Wildeboer
Information Analyst at a financial services firm with 501-1,000 employees

Read full review

“It's a very good tool for typical data analytics and reporting, data management. It's very easy to use once you learn. The coding is super easy. If you know SQL, you can start using SAS immediately. SAS E-Miner also a great tool for predictive analytics.

Example codes:

Libname mylib “A:\data”;

Data tempdata;

Set mylib.mydata; /* reading data set from the library mylib*/

Or

Proc SQL:

Create table temp as

Select * from mylib.mydata;

quit;.”

Ariful Mondal
Global Data Architecture and Data Science Director at FH

Read full review

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Pain Points

The main pain points mentioned:

✖ "The natural language querying and automated preparation of dashboards should be improved."

AltanAtabarut

Solution Consulting, Growth, Analytics at Akinon

✖ "The graphing and visualization features could be enhanced, in my opinion. I would especially stress improving the visualization capabilities."

Verified user

CTO at a pharma/biotech company with 51-200 employees

✖ "They could enhance the AI capabilities of the product."

Adbul Samad Gabru

Director of Mergers and Acquisitions at Look Alive Investment Pvt. Ltd.

✖ "The installation could also be easier, and the price could be better."

Ariful Mondal

Global Data Architecture and Data Science Director at FH

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✖ "One of the things that can be simplified is self-service analytics, especially for a citizen developer or a citizen data scientist."

Dieter Steinmann

Vice President Commercial IT Systems and Digital Channels at a aerospace/defense firm with 10,001+ employees

✖ "This solution should be made more user-friendly."

Mike Turek

Vice President, Business Analysis & Performance at Starboard Cruise Services

✖ "Once a SAS figure is produced one would like to modify things, such as titles, legends, and incorporate risk sets as a footer on the plots."

Eshetu G. Atenafu

Senior Biostatistician at a healthcare company with 10,001+ employees

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Room for improvement:

SAS Analytics could improve in areas such as handling stress tests and workloads, as well as predicting financial movements, specifically profit and loss movements.

Ernesto Tapia
Finance Business Intelligence at Banco Santander Mexico SA Institucion de Banca

Read full review

"The natural language querying and automated preparation of dashboards should be improved.

The cost and accessibility should be improved. For a $900 USD/user/annual license you have to set up a $12,000 USD/annual cloud with a minimum of 16 cores, etc. ."

AltanAtabarut
Solution Consulting, Growth, Analytics at Akinon

Read full review

"They should provide technical support quickly and for free. I would also like them to offer the integration of various Base SAS modules into one like SAS Studio to make it more cost effective for small organization. The installation could also be easier, and the price could be better.."

Ariful Mondal
Global Data Architecture and Data Science Director at FH

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"One of the things that can be simplified is self-service analytics, especially for a citizen developer or a citizen data scientist. It should be easier to use.

It should be easier to migrate from the on-premises deployment to the cloud version.."

Dieter Steinmann
Vice President Commercial IT Systems and Digital Channels at a aerospace/defense firm with 10,001+ employees

Read full review

"In the graphical area much more improvement is still needed. Once a SAS figure is produced one would like to modify things, such as titles, legends, and incorporate risk sets as a footer on the plots.."

Eshetu G. Atenafu
Senior Biostatistician at a healthcare company with 10,001+ employees

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"The company has always utilized user feedback to improve the product and has continuously exceeded my expectations.

The only feature I would like to see them add is one they already have, but in a different product. I.e., I would like to see their interface to R added to either Base SAS or SAS Analytics.."

Verified user
CEO at a tech services company

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Pricing

"Our licensing covers the usage for around 50 data analysts."

Verified user
CTO at a pharma/biotech company with 51-200 employees

Read full review

"I rate the product's pricing a one out of ten."

Adbul Samad Gabru
Director of Mergers and Acquisitions at Look Alive Investment Pvt. Ltd.

Read full review

"SAS is very expensive."

Ariful Mondal
Global Data Architecture and Data Science Director at FH

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"I think that the cost-benefit ratio is okay."

Dieter Steinmann
Vice President Commercial IT Systems and Digital Channels at a aerospace/defense firm with 10,001+ employees

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"The cost for SAS Business Intelligence can prove to be a little prohibitive."

Donald Wildeboer
Information Analyst at a financial services firm with 501-1,000 employees

Read full review

"Setup costs were quite reasonable."

Verified user
CEO at a tech services company

Read full review

"It is relatively expensive. It is not an easy software to afford."

Olayinka Awoyemi
Statistician at a insurance company

Read full review

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

The setup for SAS Analytics is complex, particularly when using the enterprise guide. However, combining SAS Analytics with Python simplifies the process since Python acts as a co-pilot to manage data and models.

Ernesto Tapia

Finance Business Intelligence at Banco Santander Mexico SA Institucion de Banca

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“The installation is little complex. I think it's a ten-gigabyte file you have to download and install. SAS is not easy to install because it's dependencies and not simple like open-source. The last time my team installed it, I think it took two to three hours from end-to-end.

Though there are SAS cloud versions available, which are easy to use..”

Ariful Mondal

Global Data Architecture and Data Science Director at FH

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Customer Service and Support

“If you don't buy a special SAS support plan, they take time to respond. It takes at least three to four days to get a response back from them. You have to buy a premium support plan for a quick response. They should make technical support free or maybe make it much faster..”

Ariful Mondal
Global Data Architecture and Data Science Director at FH

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Other Solutions Considered

I have used Orange before, which I found had better visualization capabilities. With Orange, everything is visible and understandable, whereas SAS Analytics requires more programming.

Ernesto Tapia
Finance Business Intelligence at Banco Santander Mexico SA Institucion de Banca

Read full review

“I have experience working with various solutions in the past, including Cobalt and Microsoft Office products, while working in different corporate business roles such as audit and employee benefits..”

Adbul Samad Gabru
Director of Mergers and Acquisitions at Look Alive Investment Pvt. Ltd.

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"I have also used Databricks, Azure ML Studio, SPSS, R Studio, Python, C++, Perl, SQL, Power BI and Tableau for data management, data visualization and advanced analytics.."

Ariful Mondal
Global Data Architecture and Data Science Director at FH

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Product Impact

"SAS Business Intelligence is well-suited for our large corporation. We have demand for scalable and reliable insights into information which is housed in our large systems.."

Donald Wildeboer
Information Analyst at a financial services firm with 501-1,000 employees

Read full review

"It allowed us to integrate all necessary activities, including them in a single, easily manageable process. Prior to our adopting SAS to drive the solution, a combination of database software, manual activities, and custom programming languages were needed.."

Verified user
CEO at a tech services company

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“You need to constantly jump from data prep to visualization, then back to data for fixing quality, enriching, and visualizing again. Then you start modeling and need to switch back and forth again. Eventually, you have to democratize the results so that anyone can look and interactively question the underlying insights.

For all of these purposes - data to BI or data to AI to BI – it is never a linear one way relationship; it's rather a closed loop for continuous analysis monitoring and sharing. If used this way, SAS Visual analytics can enable continuous improvement and innovation in a corporation..”

AltanAtabarut
Solution Consulting, Growth, Analytics at Akinon

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Product Recap

KNIME

KNIME Recap

Jump to SAS Analytics Recap

PeerSpot users give KNIME an average rating of 4.1 out of 5.

KNIME is an open-source analytics software used for creating data science that is built on a GUI based workflow, eliminating the need to know code. The solution has an inherent modular workflow approach that documents and stores the analysis process in the same order it was conceived and implemented, while ensuring that intermediate results are always available.

KNIME supports Windows, Linux, and Mac operating systems and is suitable for enterprises of all different sizes. With KNIME, you can perform functions ranging from basic I/O to data manipulations, transformations and data mining. It consolidates all the functions of the entire process into a single workflow. The solution covers all main data wrangling and machine learning techniques, and is based on visual programming.

KNIME Features

KNIME has many valuable key features. Some of the most useful ones include:

Scalability through data handling (intelligent automatic caching of data in the background while maximizing throughput performance)
High extensibility via a well-defined API for plugin extensions
Intuitive user interface
Import/export of workflows
Parallel execution on multi-core systems
Command line version for "headless" batch executions
Activity dashboard
Reporting & statistics
Third-party integrations
Workflow management
Local automation
Metanode linking

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Tool blending
Big Data extensions

KNIME Benefits

There are many benefits to implementing KNIME. Some of the biggest advantages the solution offers include:

- **Integrated Deployment:** KNIME's integrated deployment moves both the selected model, and the entire data model preparation process into production simply and automatically, allowing for continuous optimization in production and also saving time because it eliminates error.
- **Elastic and Hybrid Execution:** KNIME's elastic and hybrid executions helps you reduce costs while covering periods of high demand, dynamically.
- **Metadata Mapping:** KNIME enables complete metadata mapping of all aspects of your workflow. In addition, KNIME offers blueprint workflows for documenting the nodes, data sources, and libraries used, as well as runtime information.
- **Guided Analytics**: KNIME's guided analytics applications can be customized based on reusable components.
- **Powerful analytics, local automation, and workflow difference:** KNIME uses advanced predictive and machine learning algorithms to provide you with the analytics you need. In combination with powerful analytics, KNIME's automation capabilities and workflow difference prepare your organization with the tools you need to make better business decisions.
- **Supports enterprise-wide data science practices:** The deployment and management functionalities of KNIME make it easy to productionize data science applications and services, and deliver usable, reliable, and reproducible insights for the business.

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Helps you leverage insights gained from your data: Using KNIME ensures the data science process immediately reflects changing requirements or new insights.

Reviews from Real Users

Below are some reviews and helpful feedback written by PeerSpot users currently using the KNIME solution.

An Emeritus Professor at a university says, "It can read many different file formats. It can very easily tidy up your data, deleting blank rows, and deleting rows where certain columns are missing. It allows you to make lots of changes internally, which you do using JavaScript to put in the conditional. It also has very good fundamental machine learning. It has decision trees, linear regression, and neural nets. It has a lot of text mining facilities as well. It's fairly fully-featured."

Benedikt S., CEO at SMH - Schwaiger Management Holding GmbH, explains, "All of the features related to the ETL are fantastic. That includes the connectors to other programs, databases, and the meta node function. Technical support has been extremely responsive so far. The solution has a very strong and supportive community that shares information and helps each other troubleshoot. The solution is very stable. The initial setup is pretty simple and straightforward."

Piotr Ś., Test Engineer at ProData Consult, says, "What I like the most is that it works almost out of the box with Random Forest and other Forest nodes."

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Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "The hardest part is keeping a tidy workspace because of the many nodes involved. When teaching, it would be helpful if there was more emphasis on how to group nodes effectively. For example, turning frequently used nodes into a single component can simplify things."

Laurence Moseley

Emeritus Professor of Health Services Research at University of South Wales

- "I am impressed by the modularity and reusability in KNIME, especially the ability to make small adjustments to object configurations."

DanieleGentile

BI Analyst at a photography company with 11-50 employees

- "The product is user-friendly."

Joao Lima

Senior Consultant at a mining and metals company with 10,001+ employees

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"KNIME is very easy to handle and use. Anyone can use it, and it's easy to learn."

Shyam_Sridhar

IT Specialist at a computer software company with 51-200 employees

"It offers a node-based data integration and processing system connected through a user-friendly drag-and-drop interface. This makes it an excellent choice for data analytics and engineering tasks."

Nattawat Choosuwan

Senior Data Consultant at a government with 11-50 employees

"Stability is excellent. I would give it a nine out of ten."

AshokPai

Consultant at World Media Group, LLC

"There are a lot of connectors available in KNIME."

NagendraVuppala

Tax Manager at RSM

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What users had to say about valuable features:

"The product is user-friendly. It is easy to use. My experience is very good. We could see the benefits of the solution immediately after deployment. It is a complete solution. The documentation is very good.."

Joao Lima
Senior Consultant at a mining and metals company with 10,001+ employees

Read full review

"It's pretty straightforward to understand. So, if you understand what the pipeline is, you can use the drag-and-drop functionality without much training. Doing the same thing in Python requires so much more training. That's why I use KNIME.."

Verified user
Professor of Digital Production at a educational organization with 1,001-5,000 employees

Read full review

"Since KNIME is a no-code platform, it is easy to work with. You don't have to write any codes and try to fix all the bits and pieces of coding or the intricacies of the programming language. Instead, getting a quick data prep or big data and eventually running it through your hypothesis is pretty fast. It's not ideal for huge data sets worth gigabytes, but it's okay since very few people have big data sets.."

AltanAtabarut
Solution Consulting, Growth, Analytics at Akinon

Read full review

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"KNIME is simple and allows for fast project development due to its reusability. I appreciate the ability to make improvements or modifications in existing workflows. Although I have not yet used the forecasting and customer profiling features, I find them promising.

Another effective feature is the ability to use GET request objects to retrieve data from websites or APIs. This makes iterative steps easy to manage. It is more elastic and modern compared to SAP Data Services, allowing node creation and regrouping components or steps for reuse in different projects.."

DanieleGentile
BI Analyst at a photography company with 11-50 employees

Read full review

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“KNIME is very easy to handle and use. Anyone can use it, and it's easy to learn. You don't need a specific class. They're very good at model prediction. It has got everything.

From data analysis to model prediction and application, it's very good. I only use the free community edition, not the enterprise one. I feel KNIME is really good. I haven't tried any other tool or platform yet, but KNIME is pretty good.

The workflow is great. You drag and drop, and then you have the data explorer and charts that give results.

The execution is also good – it's easy to identify where your model has gone wrong. It shows you the exact point of error within the workflow, so you don't have to execute the entire workflow to find it. For example, if your workflow has ten steps and the error is in the sixth step, it will show you the error at that step. You don't have to worry about the first five steps.

The Data Explorer is very good, and the charts are great too. The accuracy charts for different models, like decision tree, K3, Naive Bayes, are all very good. KNIME is great at reporting, whether it's structured or unstructured data. These are all very good features..”

Shyam_Sridhar
IT Specialist at a computer software company with 51-200 employees

Read full review

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“It's difficult to pinpoint one single feature because KNIME has so many. For starters, it's very easy to learn. You can get started with just a one-hour video. The drag-and-drop interface makes it user-friendly. For example, if you want to read an Excel file, drag the "read Excel file" node from the repository, configure it by specifying the file location, and run it. This gives you a table with all your data.

Next, you can clean the data by handling missing values, selecting specific columns you want to analyze, and then proceeding with your analysis, such as regression or correlation. KNIME has over 4,500 nodes available for download.

In addition, KNIME offers various extensions. For instance, the text processing extension allows you to process text data efficiently. It's more powerful than other tools like NVivo and Palantir.

KNIME also has AI capabilities. If you're unsure about the next step, the AI assistant can suggest the most frequently used nodes based on your previous work.

Another valuable feature is the integration with Python. If you need to perform a task that requires Python, you can simply add a Python node, write the necessary code,.”

Laurence Moseley

Emeritus Professor of Health Services Research at University of South Wales

Read full review

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Pain Points

The main pain points mentioned:

✖ “It's difficult to pinpoint one single feature because KNIME has so many. For starters, it's very easy to learn. You can get started with just a one-hour video. The drag-and-drop interface makes it user-friendly. For example, if you want to read an Excel file, drag the "read Excel file" node from the repository, configure it by specifying the file location, and run it. This gives you a table with all your data.”

Laurence Moseley

Emeritus Professor of Health Services Research at University of South Wales

✖ “Occasionally, when using the GET object, there might be issues due to the velocity of the lines or the IT system of the commission.”

DanieleGentile

BI Analyst at a photography company with 11-50 employees

✖ “We do not have much documentation in Portuguese.”

Joao Lima

Senior Consultant at a mining and metals company with 10,001+ employees

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✖ “KNIME doesn't handle large datasets or a high number of records well.”

Shyam_Sridhar

IT Specialist at a computer software company with 51-200 employees

✖ “The current UI is primarily in English. Analyzing data in local languages might present challenges or issues.”

Nattawat Choosuwan

Senior Data Consultant at a government with 11-50 employees

✖ “One thing to consider is that the prebuilt nodes may not always be a perfect fit for your specific needs, although most of the time, they work quite well.”

AshokPai

Consultant at World Media Group, LLC

✖ “KNIME's documentation is not strong.”

NagendraVuppala

Tax Manager at RSM

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Room for improvement:

"I have seen the potential to interact with Python, which is currently a bit limited. I am interested in the newer version, 5.4, when it becomes available. The machine learning and profileration aspects are fascinating and align with my academic background in statistics.."

DanieleGentile
BI Analyst at a photography company with 11-50 employees

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"Sometimes, we needed more space to handle larger operations, especially since our machines had limited space and memory due to Kubernetes clusters. Breaking up SQLs was necessary to handle the data flow better. ."

Júlio César Gomes Fonseca
Data Scientist at Orys

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“One disadvantage is the data load. KNIME has limitations. It doesn't handle large datasets or a high number of records well. I haven't tried more than 10,000 to 20,000 records because the model prediction doesn't come out well with more data. The Enterprise Edition might work better, but I've only used the Community Edition.

That's the only disadvantage I've encountered so far. .”

Shyam_Sridhar
IT Specialist at a computer software company with 51-200 employees

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“The hardest part is keeping a tidy workspace because of the many nodes involved. When teaching, it would be helpful if there was more emphasis on how to group nodes effectively. For example, turning frequently used nodes into a single component can simplify things..”

Laurence Moseley
Emeritus Professor of Health Services Research at University of South Wales

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“I wish there were more video training resources for KNIME. The current videos are very short, and most learning is text-based. Longer training sessions would be helpful, especially for complex flowchart use cases. Webinars focusing on starting projects and analyzing data would also be beneficial..”

Verified user
Student at a performing arts with 201-500 employees

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“In the last update, KNIME started hiding a lot of the nodes. It doesn't mean hiding, but you need to know what you're looking for. Before that, you had just a tree that you could click, and you could get an overview of what kind of nodes do I have.

Right now, it's like you need to know which node you need, and then you can start typing, but it's actually more difficult to find them..”

Verified user
Professor of Digital Production at a educational organization with 1,001-5,000 employees

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ROI

Real user quotes about their ROI:

"The biggest ROI comes from productivity when creating new things and also supporting old jobs.

"And there is no hidden cost. Licensing is simple and open than other platforms.."

Verified user

Partner, Turkey and The Netherlands at a tech vendor with 201-500 employees

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"We have seen an ROI. In my case, as a consultant, I can create proofs of concept very quickly using KNIME. For example, if a client wants to explore a specific idea but is already committed to using platforms like Azure, Google Analytics, or AWS, we can still use KNIME to demonstrate the concept. This allows us to try out new ideas and algorithms before implementing the full project on their chosen platform, such as AWS, if needed.

The proof of concept approach is especially helpful when clients need to validate the feasibility of certain algorithms or machine learning techniques. ."

AshokPai

Consultant at World Media Group, LLC

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Pricing

"KNIME Business Hub is expensive for small companies."

Joao Lima
Senior Consultant at a mining and metals company with 10,001+ employees

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"I use the open-source version."

Shyam_Sridhar
IT Specialist at a computer software company with 51-200 employees

Read full review

"KNIME is a cost-effective solution because it's free of cost."

NagendraVuppala
Tax Manager at RSM

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"I use the tool's free version."

Verified user
Student at a performing arts with 201-500 employees

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"Scaling to the on-premises version requires a licensing fee per user that is a bit expensive in comparison to R, Python, and SAS."

Hansong Choi
Head of Customer Analytics at American International Group

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"There is no cost for using KNIME because it is an open-source solution, but you have to pay if you need a server."

Yasin Sarı
Senior Data Analyst at a comms service provider with 1,001-5,000 employees

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"For beginners, the free desktop version is very attractive, but the full server version can be more expensive. I have only used the free version and it offers a fair pricing system. I have been promoting it to others without any compensation or request from the company, simply because I am enthusiastic about it. I am not aware of the pricing for the server version, but it seems to be widely used."

Laurence Moseley
Emeritus Professor of Health Services Research at University of South Wales

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

"Overall, it's still easier than using Python, so it's still fine. But, actually, they made it more complex by switching from the last version to the one before.."

Verified user

Professor of Digital Production at a educational organization with 1,001-5,000 employees

Read full review

"I just downloaded it and then ran it. The process really was that simple. If I need one of the extensions (e.g. text mining), the process is just as simple.."

Laurence Moseley

Emeritus Professor of Health Services Research at University of South Wales

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"The initial setup of the solution is easy. Installing the KNIME Analytics free version on a desktop takes only a few minutes. The setup and installation process is quite easy to begin. ."

Verified user

Read full review

Data Scientist at a tech services company with 1,001-5,000 employees

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"The deployment is not very hard or time-consuming on-premises. The only challenge is dealing with hardware limitations like memory and GPUs.

Currently, we deploy KNIME on-premises, but there is a paid cloud option available.."

AshokPai

Read full review

Consultant at World Media Group, LLC

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“The server versions have no designated hardware requirements for initial installation and configuration. This can lead to difficulties, such as errors related to hardware and sizing. Providing the right hardware and understanding the setup requirements is crucial for proper configuration.

I rate the initial setup an eight out of ten, where one is difficult and ten is easy..”

Nattawat Choosuwan

Read full review

Senior Data Consultant at a government with 11-50 employees

“My company has some problems related to the solution's updates. I don't know if there are some restrictions from my organization because of which I cannot update or install some extensions.

The solution can be deployed in a few minutes.

The solution is currently deployed only on my personal computer, which I use in my company.

Only one person or an IT administrator is required to take care of the installation phase of the product..”

Zayd Rahiman

Read full review

Customs officer at Mauritius Revenue Authority

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Customer Service and Support

"Support and documentation for the solution are only available in English and I would like that expanded to other languages. I rate support a six out of ten. ."

Hansong Choi
Head of Customer Analytics at American International Group

Read full review

"I contacted their technical support around five times. While they cannot always provide immediate answers, they are generally efficient and simplify tasks, especially in the initial phase of learning KNIME.."

DanieleGentile
BI Analyst at a photography company with 11-50 employees

Read full review

"When I had to do things new to me and didn't know how to proceed, I used the KNIME hub and community forum. Both times, I received answers within twelve hours that solved my problems. From that experience, I'd say their support is superb, even on the free version, and I imagine it's even better on the paid version.."

Laurence Moseley
Emeritus Professor of Health Services Research at University of South Wales

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"KNIME provides good support. The only challenge is that they are in Germany, so sometimes the time difference can be a factor. As it's a free product, they may not be available all the time. But the platform itself is easy to use, and they have very good documentation, so we rarely need technical support.."

AshokPai
Consultant at World Media Group, LLC

Read full review

"I have not used the support from KNIME.

I used the open-source package and started experimenting with it in Python, R, and KNIME. For KNIME, I had to go through the KNIME forum for troubleshooting. I didn't get a response for any of the issues I encountered on the KNIME forum. As for other open-source languages, I haven't received a response for any of the issues I faced either.."

Uzair Faruqi
Head Of Analytics at a computer software company with 501-1,000 employees

Read full review

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“I have not contacted the company for technical support. They have a community hub where many users contribute and I have used that for assistance and it has worked well for me. I am not commenting on the company's specific support services, but rather on the facility provided by the company for users to communicate with each other. Often, you can't distinguish whether the person providing the advice is an official representative of the company or a fellow user.

The support provided by the community hub is excellent. You can post questions and usually receive a reply within 24 hours. Sometimes you even receive workflow that can be easily integrated into your own work, saving you the time and effort of retyping it..”

Laurence Moseley

Emeritus Professor of Health Services Research at University of South Wales

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Other Solutions Considered

"I had taken some online courses and read about KNIME, and I wanted to try out a drag-and-drop software. I was interested in evaluating KNIME, and this is why I am using it.."

Uzair Faruqi
Head Of Analytics at a computer software company with 501-1,000 employees

Read full review

"I have experience in Qlik Sense, Tableau, and native Python programming. I personally switched to KNIME because my present employer had KNIME already implemented in the company. ."

Verified user
Data Scientist at a tech services company with 1,001-5,000 employees

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"I have experience with Excel, and I faced some limitations since my company had loads of data to analyze. Considering that my company had loads of data to analyze, I would say I find KNIME to be very useful.."

Zayd Rahiman
Customs officer at Mauritius Revenue Authority

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"I have experience with Python. Compared to Python, KNIME is better because of the user-friendliness it provides. With KNIME, you don't have to get involved with codes. KNIME provides nodes, making it a very easy tool to use.."

Zayd Rahiman
Customs officer at Mauritius Revenue Authority

Read full review

"The solution is easier to use than Python because it links script to icons without having to write it down. Python is more effective at minimizing our efforts during the native rendering process.

I currently use the solution's desktop version but plan to introduce the on-premises version soon. ."

Hansong Choi
Head of Customer Analytics at American International Group

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“I used RapidMiner. I have not been using it in six years. I used to use it six years ago. Then I switched to KNIME because a lot of my colleagues are using KNIME, so it felt like the right way to do it.

Moreover, I switched from one university to another, and at my new university, other colleagues are using KNIME as well. So, for the students, it's easier to go just with one product..”

Verified user

Professor of Digital Production at a educational organization with 1,001-5,000 employees

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Product Impact

"It gives much insight about business in different aspects, from understanding product portfolio to clients, much of them arouse interests from important stakeholders."

Angus Lou
Head Of Business Solutions | Unmanned Shop | Automated Retail | AI | IoT | Robotic | Data Science at Smart Retail

Read full review

"One significant improvement is its speed. With KNIME, you can accomplish many tasks in a single day. It's very fast since you mostly work with prebuilt nodes and libraries. Also, the latest version allows us to add Python code if needed.."

AshokPai
Consultant at World Media Group, LLC

Read full review

"While the product has not yet improved our organization, we expect to use it in full deployments with our clients to greatly reduce their costs and make our services more attractive. ."

AmanKumar
Business Intelligence Consultant at a tech services company with 1,001-5,000 employees

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"One way KNIME has improved our organization is by allowing us to perform analyses that we previously couldn't. We often start with data in Excel or CSV format, and the process of importing data from other software, such as SPSS or STATA can be challenging. With KNIME, the process is simplified, as we can easily import the data with a single node, making it quick and efficient.."

Laurence Moseley
Emeritus Professor of Health Services Research at University of South Wales

Read full review

"It is a free open-source tool that performs very similarly to other expensive tools. KNIME has been great for me over the years. It allows me to connect to various sources including data warehouses, then put the processing logic together (ETL-like), which can be quite complex and produce the required output. Ultimately, it would go into Excel or Tableau for presentation.."

Vadim Shumilov
Data Analytics Consultant at Optivia

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"Knime seems to keep getting better. Their open-source model seems to be working. The addition of AI both to help in the building of workflows and as a facility within a workflow once it is up and running seems to add a dimension. At the moment, though, the system is so rich and fully featured that I have explored only the surface of the new version (5.4).

To date, all my needs have been met by earlier versions of Knime. I am, though, confident that should I need to start using version 5.4, the process will be smooth, and the new functionality fit for purpose. Upgrades to Knime have always worked like that in the past and I would expect them to do so in the future.."

Laurence Moseley

Emeritus Professor of Health Services Research at University of South Wales

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Reviewers Who Have Researched Both Solutions

Ernesto Tapia
Finance Business Intelligence at Banco Santander Mexico SA Institucion de Banca

Researched KNIME But Chose SAS Analytics

What is our primary use case?

I use SAS Analytics in my work to analyze data, such as selecting credits for traditional securitization. Recently, I used SAS Analytics for the project roster from Santander, selecting and evaluating credits, and conducting historical research on the reception of contracts to issue securitization. I don't use machine learning models but focus on analytics processes and report creation using macros.

What is most valuable?

The most valuable aspect of SAS Analytics is the ability to automate work using macros without heavily relying on technology teams. By leveraging macros, I can create functions that operate independently, streamlining workflows efficiently. This capability enhances productivity by reducing the need for manual intervention and technical support.

What needs improvement?

SAS Analytics could improve in areas such as handling stress tests and workloads, as well as predicting financial movements, specifically profit and loss movements.

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For how long have I used the solution?

I have 12 years of experience with SAS Analytics.

Which solution did I use previously and why did I switch?

I have used Orange before, which I found had better visualization capabilities. With Orange, everything is visible and understandable, whereas SAS Analytics requires more programming.

How was the initial setup?

The setup for SAS Analytics is complex, particularly when using the enterprise guide. However, combining SAS Analytics with Python simplifies the process since Python acts as a co-pilot to manage data and models.

What's my experience with pricing, setup cost, and licensing?

On a scale of one to ten, SAS Analytics is about nine in terms of expense.

Which other solutions did I evaluate?

I evaluated Orange, which offers superior visualization, but SAS Analytics involves more programming.

What other advice do I have?

Overall, I would recommend SAS Analytics due to its ease of understanding.

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However, for those less inclined towards programming, Orange might be more suitable as a starting point. I would rate SAS Analytics an 8 for sure.

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Hansong Choi
Head of Customer Analytics at American International Group

Researched SAS Analytics But Chose KNIME

✔ Pros

"The solution allows for sharing model designs and model operations with other data analysts."

✖ Cons

"The solution is inconvenient when it comes to wrangling data that includes multiple steps or features because each step or feature requires its own icon."

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What is our primary use case?

“I manage our data analytics team for a client in the insurance industry and we use the solution for cancelation probation campaigns, ratio modeling, and automatic claim models. .”

What is most valuable?

“The solution allows for sharing model designs and model operations with other data analysts. Other solutions such as SAS, R, and Python consist of just the script which is difficult to share.

The solution is a low-code platform which reduces data mining time and its platform includes a clickable icon for linking script. .”

What needs improvement?

“The solution is inconvenient when it comes to wrangling data that includes multiple steps or features because each step or feature requires its own icon. .”

For how long have I used the solution?

“I have been using the solution for three years. .”

What do I think about the stability of the solution?

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“The solution is stable and performance is normal. .”

What do I think about the scalability of the solution?

“The solution is scalable to an on-premises version but requires a licensing fee. .”

How are customer service and support?

“Support and documentation for the solution are only available in English and I would like that expanded to other languages. I rate support a six out of ten. .”

Which solution did I use previously and why did I switch?

“I used SAS which is good for data wrangling because it displays most of the end results with one simple code. .”

How was the initial setup?

“The setup is easy but inconvenient because it requires separate installs instead of loading as a package with control of the open source code like Python.

I completed the setup myself by referencing available documentation and rate setup a ten out of ten. .”

What's my experience with pricing, setup cost, and licensing?

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“The laptop version has an initial software fee. Scaling to the on-premises version requires a licensing fee per user that is a bit expensive in comparison to R, Python, and SAS. .”

Which other solutions did I evaluate?

“The solution is easier to use than Python because it links script to icons without having to write it down. Python is more effective at minimizing our efforts during the native rendering process.

I currently use the solution's desktop version but plan to introduce the on-premises version soon. .”

What other advice do I have?

“I rate this solution a nine out of ten. .”

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