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The Enterprise AI Platform that Gives Anyone the Power to Positively Shape the Future

RapidMiner Platform

Built for analytics teams, RapidMiner unifies the entire data science lifecycle from data prep, to machine learning, and model operations.

Data Preparation

Machine Learning

Model Operations

One platform. Does everything.

- Connect to all of your data, no matter where it lives and prepare it for model creation – streamlining the most tedious and laborious part of the data science process.

- Create and operate predictive models in an experience that aligns with your skills and preferences. RapidMiner offers three ways to work: full automation, visual workflows and code. You can even work interchangeably between the three modes.

- Put more models into production and continuously monitor their performance, drift, and even ongoing business impact with RapidMiner's unique profit-sensitive modelling capabilities.

- Collaborate across teams and business units on an end-to-end platform that offers depth for data scientists, in a fully transparent experience that's simplified for everyone else.

- Eliminate the complexities of cutting-edge data science, making it easy to use the latest machine learning algorithms and technologies like TensorFlow, Hadoop, and Spark.

- Remove the complexity from data prep and machine learning on Hadoop and Spark with RapidMiner Radoop – a visual workflow designer that allows you to execute workflows inside Hadoop.

- Integrate all your existing applications, data, and programming languages. RapidMiner is open source and used by a community of over 625,000 data scientists across 40,000 organizations.

Ensure your models are delivering impact

An alarming number of businesses struggle to deploy models into production where they can have an impact. According to Gartner, "even within organizations benefiting from the expertise of mature data science teams, less than half of data science projects end up being fully deployed."

RapidMiner is obsessed with model ROI impact, not just model accuracy and is deeply invested in helping our customers successfully deploy more models into production. The RapidMiner Center of Excellence methodology is designed to help customers identify and prioritize use cases with high-value business outcomes. The RapidMiner Academy offers business and technical course materials that upskill any user so they can overcome obstacles that commonly prevent models from being successfully deployed.
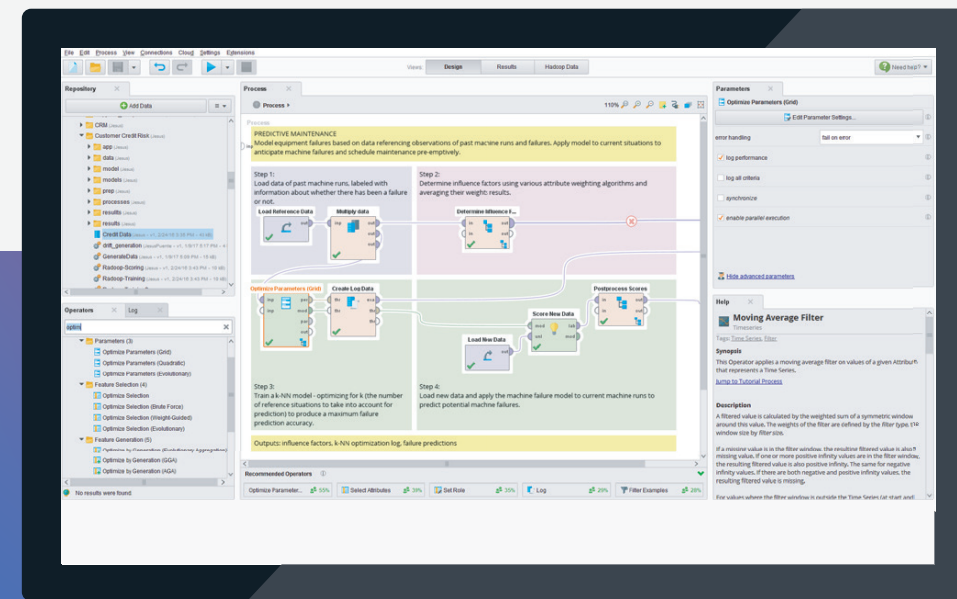
Global enterprises across all industries rely on RapidMiner for a wide variety of use cases that help drive revenue, cut cost and reduce risk, including:

- Churn Prevention
- Customer Lifetime Value
- Customer Segmentation
- Next Best Action
- Up-Selling and Cross-Selling
- Demand Forecasting

- Price Optimization
- Predictive Maintenance
- Quality Assurance
- Text Mining
- Fraud Detection
- Risk Management

RapidMiner Studio

A comprehensive data science solution that supports the full enterprise data science lifecycle. RapidMiner Studio includes visual, automated and code-based experiences to make the entire analytics team more productive.

Key features

- Easy, visual workflow designer
- A fully automated path with Turbo Prep, Auto Model & Model Ops
- "Wisdom of Crowds" offers recommendations at every step
- Pre-built templates & reusable building blocks
- Transparency makes explaining & governing models simple
- Easy integration of R & Python code
- Point & click access to all of your data, no matter the origin or format

Maximize data science productivity

RapidMiner Studio is both a visual workflow designer that makes everyone more productive and a fully automated data science platform. You can design workflows from scratch by assembling cutting-edge data prep and machine learning functions. Or follow RapidMiner Studio's fully automated path to data science, from data prep to model deployment and management in an easy wizard-like experience. Either way, you have full control and rich insight into how models work, so you can be confident with the results.

RapidMiner Studio is open and extensible, so organizations can integrate with all their existing applications, data, and programming languages like Python and R code. RapidMiner Studio solves the hard problems in data science with a visual interface that's fast and fun to use.

Accelerate data prep

RapidMiner Studio provides a wealth of functionality to speed and optimize data exploration, blending and cleansing tasks – reducing the time spent importing and wrangling your data.

Rapidly prototype models

Hundreds of machine learning, text analytics, predictive modeling algorithms, automation, and process control features help find the predictive signals in your data faster than ever.
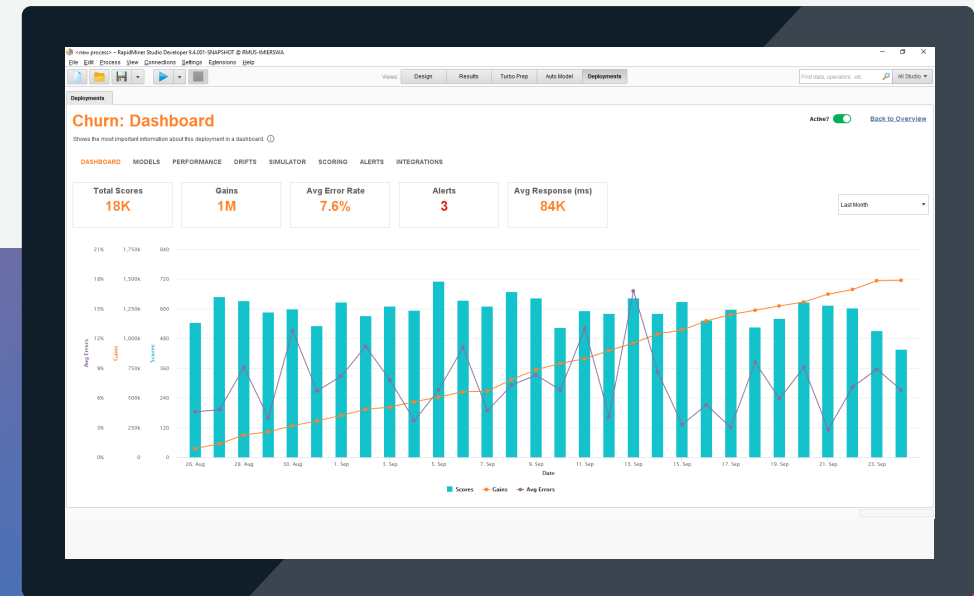
Flexible scoring & model operations

Turn predictive insights into business impact by deploying your scored data into spreadsheets and data visualization tools or turn models into production web services. Model Ops makes it easy for any users to deploy models and monitor them for drift and performance.

Open & extensible – get more from R & Python Code

Integrate all of your existing applications, data, and programming languages. Create scalable code deployment and collaboration between coders and non-coders. This includes native R and Python support, extensions from the RapidMiner Marketplace, and access to the RapidMiner Studio source code.

Fully Automated Data Science

The RapidMiner platform offers multiple ways to benefit from automated data science.

Key features

- Visually guided data prep designed specifically for enterprise AI
- Automated model creation, selection & optimization
- Transparent insights into models & their results
- Model leaderboard monitors performance and prevents drift & bias

RapidMiner Studio includes an end-to-end automated data science experience to enhance productivity.

RapidMiner Go is a browser-based offering built specifically for business users to experiment with new use cases – all you need is a data set and a few minutes.

Guided data prep
RapidMiner Studio only

RapidMiner Turbo Prep makes it easy to load and prep your data and define the analytical goal (Predict, Cluster, Outlier) so the data is in the right format when you're ready to build your machine learning models. Built-in 'Wisdom Of The Crowds' give you best practices and guidance for your modeling decisions.

Automated model selection & optimization
RapidMiner Studio & RapidMiner Go

RapidMiner suggests the best Machine Learning techniques for your data and optimizes parameters for your models for you. The advanced results dashboard allows you deep-dive into key model metrics and quickly find the best model for your business and your data.

Deep-dive into results & unlock prescriptive insights
RapidMiner Studio & RapidMiner Go

Explain individual predictions and to visually or algorithmically "what if" and optimize for specific outcomes. RapidMiner AutoML generates a complete RapidMiner Studio workflow behind the scenes. Inspect the workflow and use it as a starting point for your modeling.
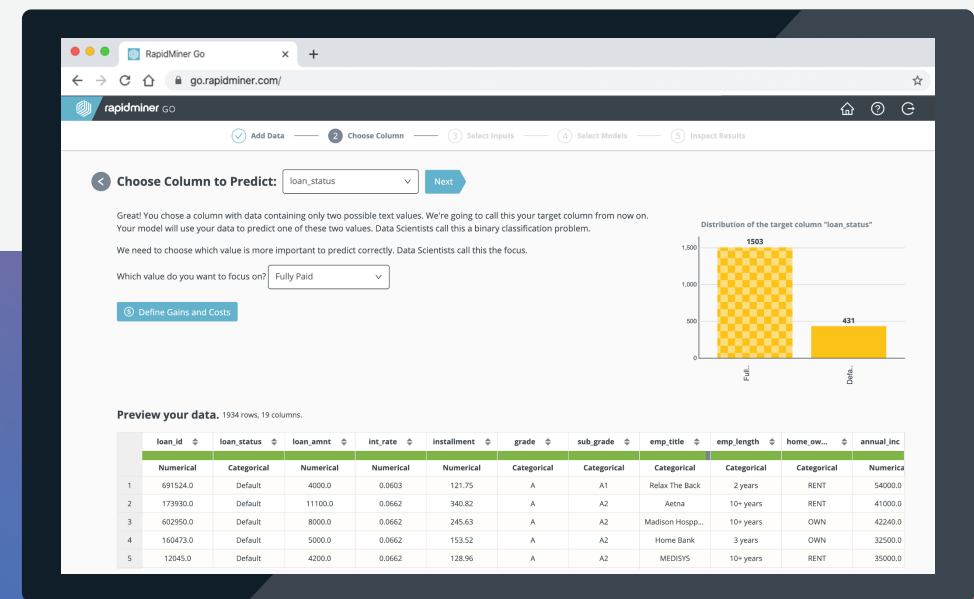
Model deployment & management made easy – for any model and any user
RapidMiner Studio only

RapidMiner Model Ops offers an easy way for business users to put models into production. Users can automatically create robust scoring processes, integrate with other IT systems, manage and monitor performance on a model leaderboard, see and prevent concept drift and bias.

![rapidminer logo]

RapidMiner Go

AutoML built for anyone.
Data science for domain experts, business users, and analysts.

Key features

- The easiest way to build a machine learning model for any business case

- Simplified, guided experience, requires no training

- Profit-sensitive model creation

- Rich visuals help explain models and their impact

- One-click deployment – export to Studio, create a web service or score new data

- Tightly integrated with Studio for tuning and optimization of models

The intelligence of RapidMiner Auto Model is packaged in an experience that's built for business users. RapidMiner Go guides untrained users through the model creation process and automates the complex and tedious work, ensuring sound technical decisions are always made.

Ready, set, go!

Every organization is overflowing with use cases for machine learning and artificial intelligence. Few organizations are overflowing with data scientists. RapidMiner Go helps ensure no use case goes unexplored, by making the data science more accessible to any data-loving person. RapidMiner Go is browser-based, so it's accessible from any machine, anywhere – no installation or usage of your machine's resources.
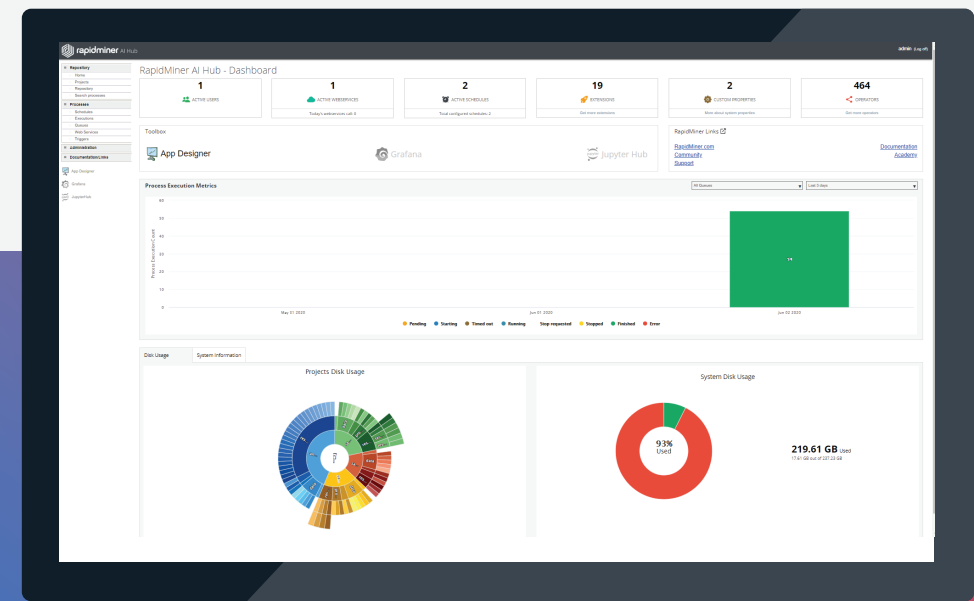
Built for profits

The only AutoML to offer 'profit-sensitive scoring.' Users simply define costs and potential gains for the use case and RapidMiner Go optimizes models so that the suggested outcomes and actions will maximize profits. RapidMiner Go makes it easy to interpret and compare models based on accuracy and projected gains.

Benefits the entire team

As business users explore data and prototype use cases, the whole team becomes more productive. Experts can focus on more challenging and higher-order work, like tuning models for production. RapidMiner Go is tightly integrated with the rest of the platform – in a few clicks, users can share training data, as well as the data prep, modeling deployment and scoring processes to drive collaboration with any RapidMiner Studio user.

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RapidMiner AI Hub

An automation, collaboration, computation, and orchestration platform that connects AI with people processes and technology.

Key features

- Highly scalable Docker-based architecture
- Easy & secure resource management
- One-click deployment using Web Services
- Shared repository with version controls
- Reusable templates & processes
- Integrate custom dashboards
- Scheduling of workflow executions

Collaboration for data science teams

RapidMiner AI Hub is designed to improve the productivity of data science teams with one place to share, manage and secure the data prep and modeling process. You can share knowledge and best practices across your organization, inside a centralized repository, using built-in security controls to limit access as necessary.

A complete version control system based on git standards maintains an audit trail keeps with a snapshot history of all changes and allows you to 'roll back' to prior versions when needed.

Lightning fast predictive modeling

RapidMiner AI Hub is designed to take full advantage of enterprise-grade compute environments. You can offload large jobs to the server, dramatically increasing modeling speed by taking advantage of high performance hardware.

Orchestrate deployments

Turn predictions into prescriptions by embedding predictive models into your business processes in just a few clicks. With RapidMiner AI Hub, you can deploy predictive models into applications, databases, BI tools, and more. Models can also be consumed via APIs and web services, allowing for integrations with anything.

Monitor model performance, detect model degradation and automatically react to changes in model performance. With just a few clicks, you can set-up scheduled processing to keep retraining models and continuously score data in real-time.

Highly scalable, distributed architecture

Use the microservices-based architecture of RapidMiner AI Hub for mission critical data science applications. Know that you're doing everything to be in control, reduce risk, and downtime.

RapidMiner AI Hub can be deployed both on-premises or in the cloud.

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Brands like these trust RapidMiner

CISCO

VISA

Transport for London

Vanguard

Mosaic

P&G

AMNESTY INTERNATIONAL

Domino's

sappi
The word for fine paper

windstream

CEPSA

LAND ROVER | JAGUAR