



THREE CLICKS TO GENERATIVE AI

The Altair® RapidMiner® platform delivers practical, scalable generative artificial intelligence (AI) capabilities without the complexity. With only three clicks, business users and analysts without specialized training can build and deploy custom generative AI models. Access the 450,000+ large language models available on Hugging Face. Incorporate public models, including ChatGPT, and fine-tune them to your requirements without needing to write any code.

The Altair RapidMiner platform enables global enterprises to develop sophisticated models that help them innovate faster, increase sales, reduce churn, improve security, enhance customer experiences, and lower operating costs.

Comprehensive Generative AI

Add generative AI capabilities to your analytics workflows to reduce user error, shorten learning curves, improve usability, and increase deployment and orchestration efficiency. Best of all, Altair customers can deploy generative AI functions immediately without needing to write a single line of code.

The Altair RapidMiner generative AI extension supports a huge variety of use cases that go well beyond traditional machine learning tasks like classification, regression analysis, and clustering. For example, the platform empowers users to perform data enrichment tasks with a simple, natural language prompt like, "Here is a list of countries. Show me the population and GDP for each country and rank them according to GDP per capita." Other advanced use cases include:

- **Data Enrichment:** Augment data by retrieving and contextualizing new data related to a query or an incomplete data set.
- **Sentiment and Claims Analysis:** Analyze customer service call transcripts and online help chat text logs to determine public opinion and identify common complaints.
- **Compliance Reporting and Document Review:** Review legal documents for compliance and flag potential issues, reducing legal departments' workloads.
- **Reporting:** Automatically generate reports, statements, business intelligence (BI) memos, and more.
- **Knowledge Management:** Assist in organizing, searching, and retrieving information from disparate, siloed sources and non-interoperable legacy systems.
- **Text Summarization:** Summarize lengthy documents or articles, making it easier for readers to get up to speed quickly and grasp key information.



Organizational and technical friction can quickly slow down AI and machine learning initiatives, and generative AI is a great tool for reducing that friction. It helps users throughout the enterprise access all the data they have available to them in truly useful ways. It can help people identify and understand the scale of new opportunities, spot emerging challenges, and communicate more effectively with internal personnel as well as partners, customers, and prospects."

Dr. Ingo Mierswa
Senior Vice President of
Product Development
Altair RapidMiner

Fine-Tune ChatGPT for Improved Security and Faster Deployment

Altair RapidMiner's generative AI extension also supports fine-tuning of the 175 billion parameter models from OpenAI, the makers of ChatGPT, and fine-tuning to secure privacy or IP. Gigantic AI models like OpenAI's ChatGPT and Google's Bard are extremely resource-intensive and take a long time to train.

Altair makes it easy to use smaller models that have been fine-tuned with company data, which are quicker to deploy and substantially more cost-effective to run. Building proprietary, private models also ensures that company IP is fully protected.

Quicker and Easier to Deploy than DIY

Unlike building generative AI functions from scratch, users can immediately deploy Altair's extension for all Altair RapidMiner users in the organization - without drawing additional Altair Units or writing a line of code. We'll manage the tech so you can manage your work.

Fine-Tune for Speed and Security

The generative AI tools built by the titans of the tech world, like OpenAI's ChatGPT and Google's Bard, are high-powered conversational interfaces. But they're extremely resource-intensive and take a long time to train. Using a smaller, local model that's been fine-tuned with company data is quicker to deploy and more cost-effective to run. Building a proprietary, private model also ensures that company IP is always protected.

Part of the Altair RapidMiner Data Analytics and AI Platform

Artificial Intelligence and Machine Learning: Our industry-leading visual approach to analytic modeling helps business users minimize repetitive tasks, share knowledge across the enterprise, and reuse steps within connected model workflows for faster analysis and shared insight. Business users, managers, analysts, engineers, and data scientists use Altair tools to develop, manage, and deploy sophisticated AI and machine learning models quickly with an explainable user interface.

Data Visualization: Build and publish sophisticated real-time and business intelligence dashboards without writing any code. Connect directly to streaming sensor data from MQTT, Kafka, Solace, and other message queues and build complex stream processing applications with a simple drag-and-drop interface. Solve difficult problems quickly, understand complex relationships in seconds, and identify issues that require further investigation with just a few clicks.

Data Preparation: Access, cleanse, and format data from a wide variety of sources (including Excel, CSV, PDF, TXT, JSON, XML, HTML, SQL databases, Big Data like Hadoop, and more) without any manual data entry or coding.

Learn more at altair.com/altair-rapidminer.

Availability

The generative AI extension is available to all users of our [Altair® AI Studio™](#) and [Altair® AI Hub™](#) (formerly called RapidMiner Studio and RapidMiner AI Hub, respectively) products at no additional cost.

