

IBM Announces Availability of watsonx Granite Model Series, Client Protections for IBM watsonx Models

- Enterprise-ready, IBM-developed watsonx Granite model series now generally available to help businesses build and scale generative AI
- IBM provides its standard intellectual property protections for IBM-developed watsonx models
- Demonstrates commitment to transparency and responsible AI with newly published details of its training data sets for Granite models



ARMONK, N.Y., Sept. 28, 2023 /PRNewswire/ -- Today, IBM (NYSE:[IBM](#)) announced the general availability of the first models in the watsonx Granite model series — a collection of generative AI models to advance the infusion of generative AI into business applications and workflows. IBM also confirmed that the standard contractual intellectual property protections for IBM products will apply to IBM-developed watsonx AI models. [IBM's Granite models](#) apply generative AI to the modalities of language and code.

Recognizing that a single model will not fit the unique needs of every business use case, the [Granite models](#) are being developed in different sizes. These IBM models — built on a decoder-only architecture — aim to help businesses scale AI. For instance, businesses can use them to apply retrieval augmented generation for searching enterprise knowledge bases to generate tailored responses to customer inquiries; use summarization to condense long-form content — like contracts or call transcripts — into short descriptions; and deploy insight extraction and classification to determine factors like customer sentiment.

With these models and watsonx, IBM enables businesses to be AI value creators. Businesses can bring their proprietary data to IBM base models and build a model that is unique to their business and use cases.

IBM has heavily invested for years in developing its foundation models. They are custom-built for the specific requirements of business use cases, which by definition are much more focused than consumer AI and demand the highest levels of precision and accuracy. IBM's internal benchmarking shows that specialized models can deliver better accuracy, and do so with

lower infrastructure requirements, to achieve improved price-performance.

In addition to its own models, IBM provides flexibility to use third-party models like [Meta's Llama 2-chat 70 billion parameter model](#) and models from the [Hugging Face community](#).

IBM Publishes Information about its Training Methodology for Granite Models

These [IBM-developed foundation models](#) have been trained on business-relevant datasets from five domains – internet, academic, code, legal and finance – and have been curated for business use by IBM. Training data was filtered for objectionable content and benchmarked against internal and external models to help enable responsible deployment and address key issues including governance, risk assessment, privacy concerns and bias mitigation. As part of this process, IBM is using its end-to-end AI and data model lifecycle governance process and capabilities to manage and help mitigate client risk with the watsonx AI and data platform. This includes the planned release of watsonx.governance, an AI governance toolkit to enable trusted AI workflows. Watsonx.governance will be generally available later this year.

IBM Contractual Protections for AI Models

IBM believes in the creation, deployment and utilization of AI models that advance business innovation responsibly. That is why the company is also announcing its standard intellectual property protection — similar to what it provides for hardware and software products — will apply for [IBM-developed watsonx models](#).

IBM provides an IP indemnity (contractual protection) for its foundation models, enabling its clients to be more confident AI creators by using their data, which is the source of competitive advantage in generative AI. Clients can develop AI applications using their own data along with the client protections, accuracy and trust afforded by IBM foundation models.

"When it comes to today's AI innovation boom, the businesses that are positioned for success are the ones outfitted with AI technologies that demonstrate success at scale and have built-in guardrails and practices that enable their responsible use," said Dinesh Nirmal, Senior Vice President, Products, IBM Software. "Today's release of IBM's Granite model series and commitment to stand behind IBM-developed watsonx models is a testament to IBM's end-to-end model lifecycle management process in its watsonx AI and data platform that delivers businesses cutting-edge AI outfitted for their unique business needs."

For more than a century, IBM has worked to earn the trust of business and society by ushering powerful new technologies, including AI, into the world responsibly and with clear purpose. To date, the company has built and made available [a range of open source tools](#) and [AI governance software](#) to help ground the creation and use of this technology in principles of transparency, explainability, privacy, robustness and fairness.

To learn more about the IBM Granite model series, now available on watsonx, visit [here](#).

Statements regarding IBM's future direction and intent are subject to change or withdrawal without notice and represent goals and objectives only.

About IBM

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industries. More than 4,000 government and corporate entities in critical infrastructure areas such as financial services, telecommunications and healthcare rely on IBM's hybrid cloud platform and Red Hat OpenShift to affect their digital transformations quickly, efficiently, and securely. IBM's breakthrough innovations in AI, quantum computing, industry-specific cloud solutions and consulting deliver open and flexible options to our clients. All of this is backed by IBM's long-standing commitment to trust, transparency, responsibility, inclusivity, and service.

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