



2.7X higher

throughput for decision support workload compared to 2nd Gen Intel Xeon Scalable processors.¹

2.41X higher

throughput for IBM Big Data Insights compared to 2nd Gen Intel Xeon Scalable processors.²

Accelerating IBM watsonx.data for Faster Generative AI and Intelligent Decision Making

IBM watsonx.data, part of IBM's Enterprise GenAI solutions, empowers businesses to leverage their data for greater insight and innovation in their operations. As enterprises increasingly leverage the power and benefits of GenAI to gain insight and enhance operations, the speed of queries and analysis from their data becomes paramount. IBM watsonx.data is designed to accelerate analytics on massive data lakehouse architectures and deliver greater flexibility to use fit-for-purpose analytics engines for the right application. Performance enhancements to watsonx.data comes not only from improvements in the latest generation of Intel Xeon Scalable processors but also due to Intel software optimizations in Presto C++ and IBM's intelligent query optimizer in watsonx.data. This level of performance delivers faster time to insight and enables quicker intelligent decision-making. Faster queries also enable more work to be done on the hardware, enhancing the solution's value while reducing the overall Total Cost of Ownership.

Products and Solutions

[5th Gen Intel® Xeon® Scalable Processors](#)
[Intel® Advanced Vector Extensions 512](#)
[Intel® oneAPI Deep Neural Network Library](#)

Industry

IT Services &
IT Consulting

Organization Size

10,000+

Country

United States

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