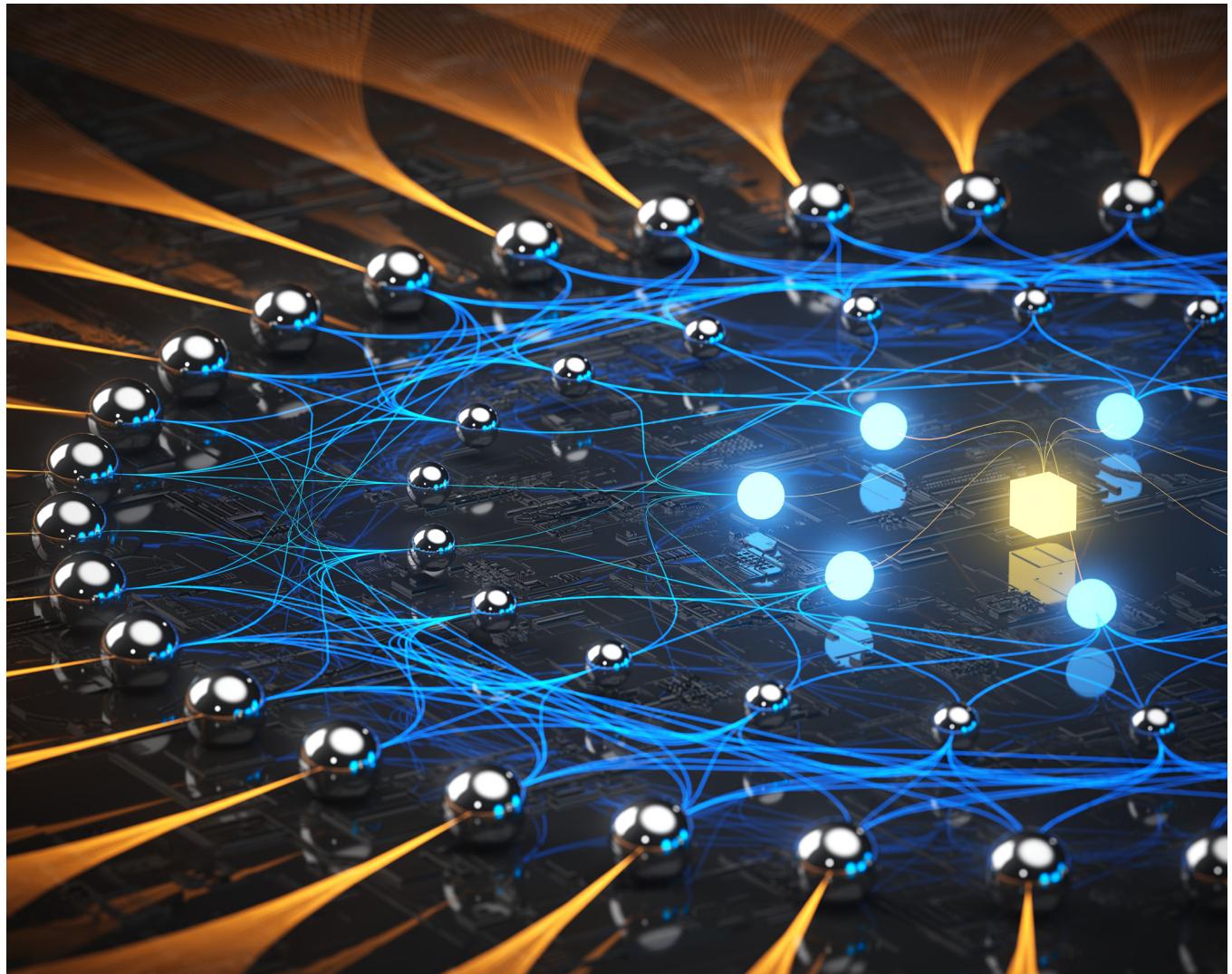


AI-driven infused reasoning set to

democratize the capital markets

January 2026



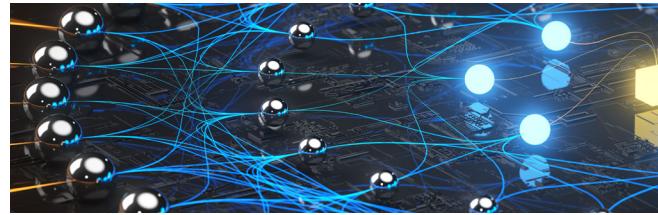
waterstechology

LSEG DATA & ANALYTICS

LEARN MORE

AI is transforming financial markets.

Discover how LSEG Data & Analytics' unmatched data, infrastructure and partnerships are at the forefront of this change



manually, he says, allowing organizations to gain faster, more judicious insights, while simultaneously deploying staff to manage higher-value tasks: “It’s very exciting for a lot of people because you don’t need separate teams to pull all of that data together—it can be done systematically by the AI.”

As with so many other business processes, cloud plays a crucial, enabling role in delivering LSEG Data & Analytics’ tick history data to its clients. It does this in collaboration with the key cloud providers and, in certain cases, allows clients to use AI tools and apply them to LSEG Data & Analytics’ data. “It’s literally AI with a mouse click. The data is already stored, it’s normalized, structured and is instantly available to the customer—they just apply the AI,” Anderson explains.

Transformational tech

It is fair to say that Anderson is an ardent supporter of infused reasoning, specifically in the context of LSEG Data & Analytics’ AI-enhanced, cloud-based tick history data strategy. He describes the technology as a “transformative leap beyond traditional data analysis,” which, by comparison, is limited by its reactivity and reliance on user inputs or prompts. By contrast, infused reasoning allows users to receive natural language responses to their interrogations of large volumes of both numeric and alphanumeric data.

Unlike conventional machine learning, which is primarily correlation-based, infused reasoning has the ability to integrate multiple datasets, including—in the context of LSEG Data & Analytics—tick history, quantitative analytics and machine-readable news. It is also able to generate entirely new insights rather than simply restating existing information.

Anderson illustrates its value with the following example: the AI will recognize that trading volume rose by 7% and will automatically embed that finding into

a contextualized summary linked to a relevant news event. “It won’t just say a number,” he explains. “It will incorporate that 7% increase into a machine-readable news article, summarize it with the context that the volume went up by 7% and provide a new summary. It’s not just regurgitating what is stored in that news event. You’re literally getting new data.”

This is a significant enhancement compared with current processes where teams are required to undertake analysis, which they cannot start until they receive the various calculations. “It’s a long and complicated process to get to a signal with some meaning,” Anderson says.

New data

This new process, made possible by infused reasoning, produces “new data” and eliminates the need for teams to manually compile and interpret disparate datasets—a task that is invariably lengthy and complex.

Anderson goes on to describe a demonstration where LSEG Data & Analytics leveraged AI capabilities developed by Google Cloud within Google BigQuery to generate a detailed 15-page analyst report on two London Stock Exchange-traded stocks. This process conducted the necessary calculations, applied infused reasoning and even issued a buy-hold-sell recommendation. “It did all the calculations and infused reasoning, and, at the end, it gave a buy-hold-sell rating, which typically takes a human a very long time,” Anderson explains.

Additionally, support with regulatory compliance was built into the process, with the AI verifying the report against various mandates—including the Volcker Rule and General Data Protection Regulation—before completion.

However, it is important not to rely solely on AI for compliance; human oversight is still essential. “What once required six to eight weeks can now be done within a matter of minutes,”

Anderson says. Ultimately, he believes infused reasoning has the potential to “lower the bar so anyone can participate in the market”.

Conclusion

The impact of AI across the capital markets is no longer theoretical, especially when it comes to data and data-driven functions. As LSEG Data & Analytics’ cloud-based tick history data strategy illustrates, AI is already a practical tool that allows users to consume, process and analyze complex data at speed and scale. By exposing decades of high-quality market data with sophisticated AI functionality, including infused reasoning, firms can now meaningfully move from retrospective analysis to near-real-time identification and understanding of what is happening in the markets, and, crucially, why.

This development has implications far beyond trading, supporting a range of business processes including reporting, compliance and better-informed decision-making across the full investment life cycle. Significantly, the automation of calculations and contextual summaries allows industry specialists to focus on judgment—making the most judicious, repeatable and defendable business and investment decisions—rather than data preparation.

While human oversight remains essential, the direction of travel is clear: AI is reshaping how market participants interact with data, lowering barriers to entry and redefining what is possible when insight is generated at the same pace as the markets themselves. 

LEARN MORE

Unlock powerful insights from LSEG Data & Analytics' historical tick data, now enhanced through the integration of Google Cloud's Vertex AI platform within BigQuery