FDTechnologies

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FD Technologies plc
("FD Technologies" or the "Group")

Launch of KDB.AI Server

FD Technologies (AIM: FDP.L, Euronext Growth: FDP.I) announces that KX has launched KDB.AI Server, a highly-performant, scalable, vector database for time-orientated generative AI and contextual search. It is available from today for deployment on-premises, hybrid, or in the cloud in a single container via Docker for quick and easy setup.

Generative AI promises to fundamentally transform productivity and drive competitive differentiation, yet as evidenced by a recent report by Accenture (*AI: Built to Scale*), while 84% of global C-suite executives believe they must leverage AI to achieve their growth objectives, 76% report they struggle with how to scale. KDB.AI Server solves this problem, giving enterprises the ability to supercharge their AI applications with unparalleled data processing and search functionality, that scales to meet the needs of the largest, most complex enterprises.

Built to handle high-speed, time-oriented data and multi-modal query data processing, KDB.AI seamlessly handles both structured and unstructured enterprise data, enabling holistic search across all data assets with better accuracy and lower cost. Unique among vector databases, KDB.AI enables developers to bring temporal and semantic context and relevancy to their AI-powered applications, giving them a comprehensive data search tool with unequaled flexibility.

Moreover, KDB.AI is optimised for Retrieval Augmented Generation (RAG) patterns which ensures that rather than continuously training or fine-tuning Large Language Models (LLM), developers can bring data relevancy to their prompts delivering better accuracy, lower cost, and less need for GPUs.

Notable enterprise-grade features include:

- **Advanced metadata filtering:** Users can refine and target searches for more relevant and precise outcomes, enhancing the efficiency and effectiveness of data analysis across large datasets.
- **Multi-Modal Data Handling:** Supports diverse data types including text, video, audio, and images.
- **User-Friendly:** Simplified querying with Python or REST API, enabling the use of any language.
- **Performance:** Designed to handle billions of vector searches across diverse enterprise data.
- **Integrated Solutions:** Fully compatible with popular tools like LangChain and accessible via APIs.

Ashok Reddy, CEO, KX: "The debut of KDB.AI Server Edition marks a transformative step in enterprise AI. It's tailored for a future where data is a strategic powerhouse, enabling

businesses to create unique, custom AI solutions from their proprietary data to forge a distinct competitive edge. Blending unparalleled data processing with agility and privacy, KDB.AI Server Edition isn't just a new product, it's a leap into the generative AI era, ensuring businesses not only adapt but also thrive and lead in the rapidly evolving AI landscape."

Jonny Press, Chief Technology Officer, Data Intellect: "The promise of generative AI lies in its ability to transform enterprise decision making by enabling new ways to understand information, drive efficiency and augment human intelligence. Here, KDB.AI stands out. The integration of its cutting-edge capabilities into our solutions help push the boundaries of what's possible for our clients and ensures world-leading organisations can successfully compete in the age of AI."

KDB.AI's unique capabilities power versatile applications across a broad range of industry sectors including:

- **Financial Services:** Temporal and contextual search to augment trading strategies and reduce risk.
- **Gaming & E-commerce:** Real-time risk assessments and fraud detection.
- **Healthcare & Life Sciences:** Analysis of patient records, leading to quicker diagnoses, personalised treatment plans and faster discovery of new drugs.
- **Manufacturing & Energy:** Multi-faceted search for predictive maintenance, reducing machine downtime and improved operational efficiency.
- **Aerospace & Defense**: Analysis of operational data for correlation of intelligence, improving command decision making.
- **Government:** Search and summarisation of case documents, video, audio, and image files.

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About FD Technologies
FD Technologies is a group of data-driven businesses that unlock the value of insight, hindsight and foresight to drive organisations forward. The Group comprises KX, which provides software to accelerate AI-driven innovation; First Derivative, providing consulting services which drive digital transformation in financial services and capital markets; and MRP, which provides technology-enabled services for enterprise demand generation. FD Technologies operates from 14 locations across Europe, North America and Asia Pacific, and employs 2,800 people worldwide.

For further information, please visit www.fdtechnologies.com and www.kx.com