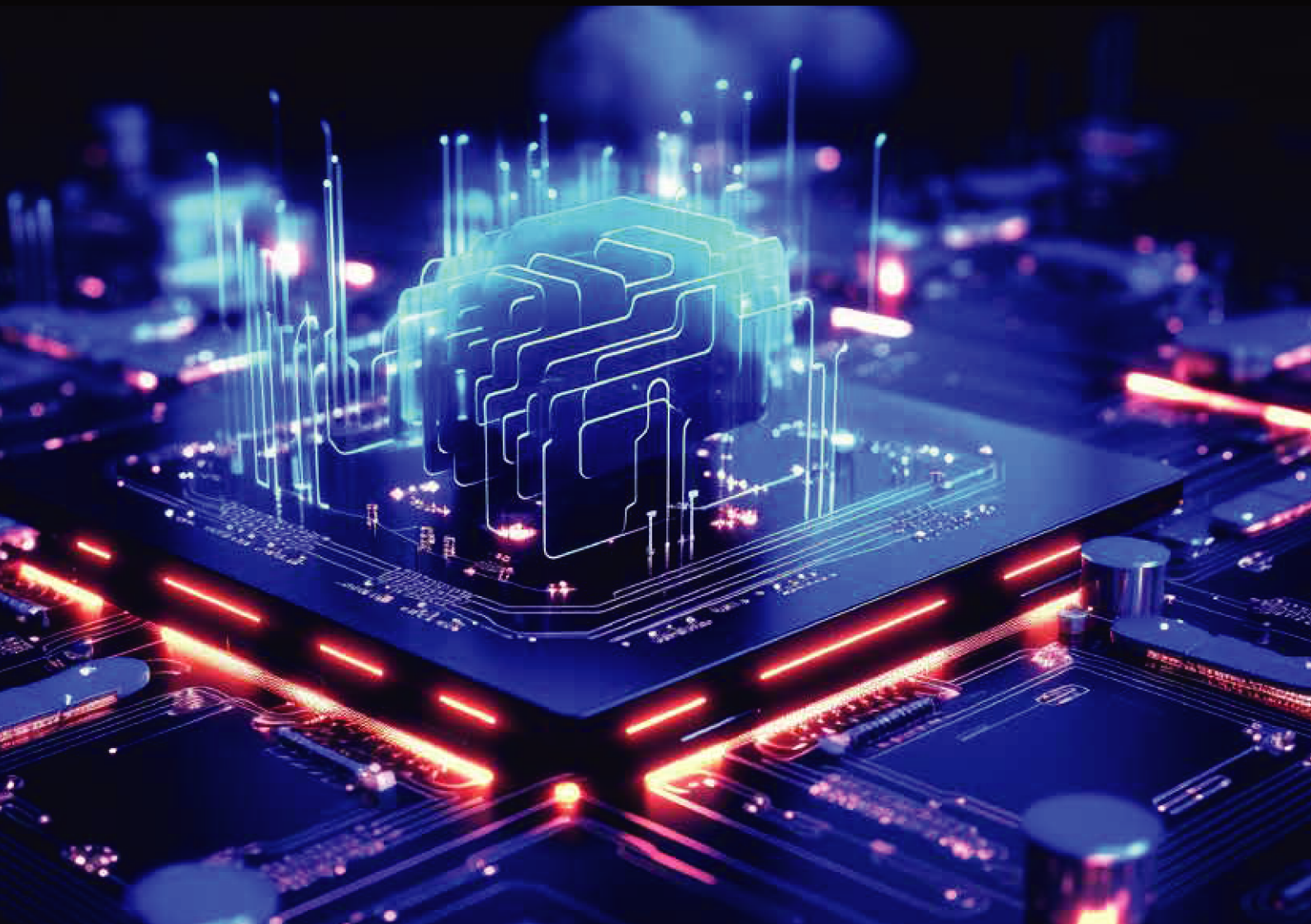


QUARTZ



Intelligent insights



Overview

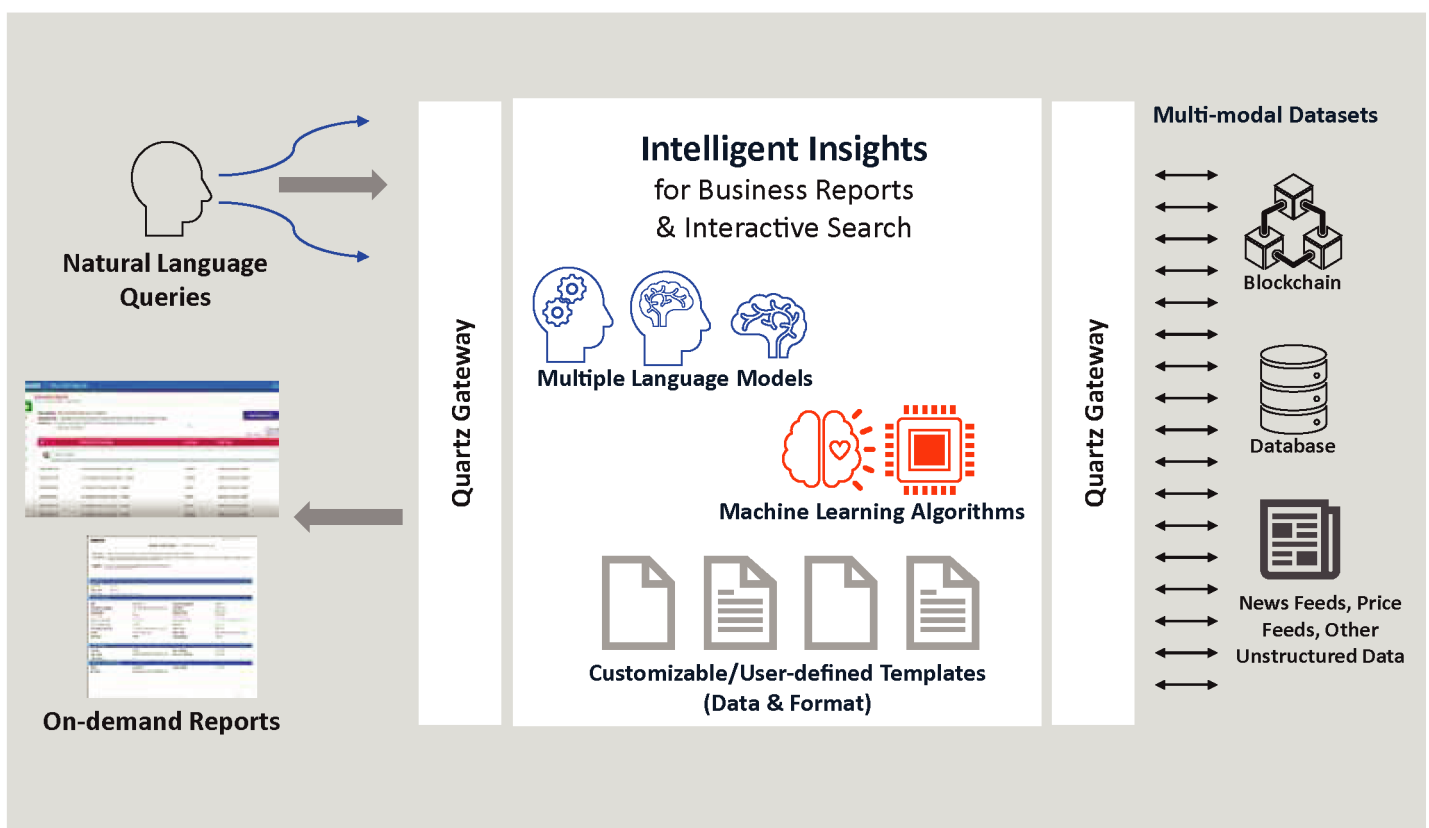
In today's world, businesses are heavily reliant on reports that are based on operational as well as historic data for critical decision-making and strategic planning. An inability to co-relate real time news/trends along with the day-to-day business operations pose a key challenge to firms in responding with agility to these developments. Furthermore, users are typically challenged due to limitations with respect to the report format, extent of data coverage and an inability to personalize reports based on user preferences.

Solution

The Intelligent insights component, which is part of Quartz Gateway is designed to address precisely these challenges. The Generative AI based reporting solution allows for reports to be created using multimodal data sets that includes data from the conventional database, blockchain ledgers as well as unstructured data from public sources, providing businesses with powerful insights that leverages real time information. With this powerful capability, firms can benefit in multiple ways - for example, in providing superior investment advisory services by allowing an investment decision to be taken based on a comparative analysis on global sectoral performance, or through ensuring better mitigation of customer onboarding risks with instant access to adverse media reports on an entity, etc.

The solution enables hyper personalization, by giving control to the user in defining report templates, configuring the data display on screen, as well as the report format. The user interface allows business users to seamlessly interact with the solution using natural language queries, thus offering endless possibilities in accessing information as per their choice.

Quartz combines multiple AI frameworks and models including Large and Small Language Models, along with ML algorithms in order to ensure efficiencies in infrastructure usage while delivering optimal results. By creating an in-house AI agent for report generation Quartz delivers a cloud agnostic framework for generating business reports.





Benefits

- On demand reports accessible using simple Natural language query
- Ability to offer better advisory services by combining transactional data with data published in news feeds, analyst reports and other sources
- Productivity gains using personalized reporting templates, freeing up time for business users

Quartz Advantage

- Enables reporting across business domains, diverse data sets
- Seamless integration with existing systems using Quartz Gateway
- Cost effective, through the use of open-source tools

About Quartz

Quartz provides foundational technology, tools and business components that harness the power of next-gen technologies including DLT, AI/ML (including GenAI) for organizations across varied industries, including Financial Services, Banking, Supply Chain, Energy & Utilities and eGovernance. Backed by awards from Juniper Research (Gold Winner for Digital Identity Innovation 2024), the Asian Banker (Best Fraud Prevention Technology Implementation 2023), Financial Technology Forum (Best New Post Trade Solution of the Year 2022), Asset Servicing Times (Outstanding Innovation Award 2022) and recognition from Analysts (ranked #1 Best Performing Fraud Management Solution by IBS Intelligence 2022) Quartz can help organizations operate at the forefront of technology innovation.

To know more about Quartz, please write to us at tcs.quartz@tcs.com, or visit our website <https://www.tcs.com/what-we-do/products-platforms/quartz>

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS) is a digital transformation and technology partner of choice for industry-leading organizations worldwide. Since its inception in 1968, TCS has upheld the highest standards of innovation, engineering excellence and customer service.

Rooted in the heritage of the Tata Group, TCS is focused on creating long term value for its clients, its investors, its employees, and the community at large. With a highly skilled workforce of over 607,979 consultants in 55 countries and 180 service delivery centers across the world, the company has been recognized as a top employer in six continents. With the ability to rapidly apply and scale new technologies, the company has built long term partnerships with its clients – helping them emerge as perpetually adaptive enterprises. Many of these relationships have endured into decades and navigated every technology cycle, from mainframes in the 1970s to Artificial Intelligence today.

TCS sponsors 14 of the world's most prestigious marathons and endurance events, including the TCS New York City Marathon, TCS London Marathon and TCS Sydney Marathon with a focus on promoting health, sustainability, and community empowerment.

TCS generated consolidated revenues of over US \$30 billion in the fiscal year ended March 31, 2025. For more information, visit www.tcs.com