BUSINESS CONTEXT

Data is growing in volume, rate, complexity, lack of structure and variability. This is creating large-scale analytics problems. These are mainly characterized by excessively long query response times, quality limitations and increased IT expenses, affecting business operations requiring real-time execution.

APPLICATION AREAS/INDUSTRIES

— Big Data applications, e.g. in finance, retail, consumer, health, pharmaceutical, touristic, telecom and services industries
— Real-time data analytics applications, e.g. the live prediction of customer behavior and the creation of dynamically varied personalized offers
— Internet-of-Things data streams
— Real-time decision processes/applications

XELERA ANALYTICS MAIN FEATURES AND VALUE CONTRIBUTION

— Powering classification, clustering, regression, data association, time series analysis, statistics, artificial intelligence, machine learning with FPGA technology
— Faster response times for analytics queries

BENEFITS

— Improving the quality of data-driven business processes
— Enable enterprises across all industries to run their business in true real-time

SYSTEM REQUIREMENTS

— Xelera Suite
— Xelera DB (optional)
— Xelera Net (optional)