



ANALYTICS

ACCELERATE COMPLEX DATA ANALYTICS APPLICATIONS

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)

X E L E R A
PREDICT

X E L E R A
SUITE

X E L E R A
ANALYTICS

X E L E R A
DB

X E L E R A
NET

CONTACT

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