Data and Analytics

Discover value in the bigger picture of your data

In today's data-driven world, businesses require a scalable data solution—one that can adapt to your needs by pausing when not in use, handle data growth, secure your data, and produce predictive analytics. Our team of data experts has built a strong foundation for solving enterprise problems and enabling businesses.

What is Data and Analytics?

Data and analytics involves looking at your entire data estate from a birds-eye view: where your data exists, how you interface with it, and what you do with it. Without a proper data solution, it can all seem like a big mess. But by taking the necessary steps toward securing and managing your data, we help you turn that mess into actionable insights that promote scalable business growth.

The Value

- Seamless system integration and cloud-scale
- Improve customer experience with transformative insights
- Security and flexibility handling all types of data

The Proof

- Bring together any data type at any scale
- Industry adoption trends
- Provide actionable business insights in minutes
- Confidence in your system

The Outcomes

- AI and machine learning—make data-driven decisions
- Data migration—growth and scalability at low cost
- Enhanced reporting capabilities and predictive analytics

The Deal with Data

Modern Data Estate: Rely on dynamic scaling and a robust MPP architecture to process and serve data from 1TB to almost limitless scale while having direct interoperability with the Azure ecosystem.

Enterprise Reporting: Focus your time where it matters—on data insights. We have the tooling and methodology to process raw data quickly and get it into the hands of business analysts faster.

Big Data: We help customers ramp up their big data projects quickly. Using Azure and bundled solutions from Microsoft and Databricks we can have you implementing business solutions in just a few days.

Our Solution

We know that data projects in this day and age can be scary, but we are on the frontline with you. Our team will provide the most optimal data solution for your business to obtain better insights at scale. Whether it's ramping up to big data, investing in a modern data estate, securing your data, or unlocking the power of enterprise reporting—we have you covered.

⊛ Hitachi Solutions

Scenario 1: Modernize Legacy Data Systems

A CTO that keeps abreast of the latest technology trends notices her company is lagging in the realm of data storage. Most of her data is kept in disparate systems that burn up her budget. She wants to modernize her data environment to scale with the business.

- Optimizes reporting at the enterprise level using a single, consolidated data warehouse
- Improves value of insights by introducing repeatable analytics across all relevant data sources
- Enables key capabilities that empower users to help themselves with the appropriate governnance and training

Scenario 2: Improve Reporting and Data Insights

Analysts at a large retailer want to gain a 360-degree view of their customers. However, they spend too much of their time on rear-view reporting. The retailer's CFO wants to empower his analysts through a self-service enterprise reporting solution.

- Reduces time-to-value by getting new data sources to users quickly
- Empowers users with self-service reporting so they can spend more time on data insights instead of data movement
- Improves quality of insights by taking a predictive approach to processing raw data and quickly delivering it to users

Scenario 3: Secure Valuable Data

A COO of a prominent bank is worried his customer data will fall victim to cybercrime, exposing millions of personal bank accounts. He can't afford a data breach this critical since it would cost his company all customer loyalty. He needs to secure his data against financial crime.

- Reduces vulnerability to cybercrime and insider threats
- Enables role-based access control (RBAC) that ensures data access is controlled properly and securely
- Protects company and customer data proactively, rather than reactively in the wake of a breach

The Business Problem

"I want to update my data environment to empower my team and gain better insights around the business and our customers."

The Opportunities

High Level Analytics

Repeatable analytics across all relevant data sources

Data Insights

Develp ML models and procedures to enable business decisions based on analytics and data

Consolidation

All systems are consolidated into a single store (lake), offering seamless integration with BI solutions

Data Governance

Implement just enough data governance with documented procedures and policies

Data Experience

Start your big data journey without the cost using Azure and bundled solutions from Microsoft

Data Migration

Achieve cloud economies of scale by ditching legacy platforms

---

10%
reduction in overall costs seen in businesses that use big data

90%
of business professionals say data is key to digital transformation goals

95%
of businesses need to manage unstructured data

Source: Entrepreneur, Forbes, MicroStrategy

www.hitachisolutions.com

⬡ Hitachi Solutions