

Why does your organisation need a modern data platform?

Firstly, what is a modern data platform? A modern data platform refers to a comprehensive and integrated set of technologies, tools and services designed to manage, process, analyse and derive insights from diverse and large volumes of data in an organisation, which address the challenges posed by the increasing complexity, volume and velocity of this data.

A modern data platform offers a range of benefits that can significantly enhance an organisation's ability to streamline data management processes, enhance analytical capabilities and leverage its data for decision-making, insights, innovation, and growth.

Some key benefits of a modern data platform include:

1. Data Integration

Enables the seamless integration of diverse types of data from various sources, making it easier to combine information from different parts of the organisation.

2. Scalability

Allows organisations to handle increasing volumes of data efficiently and offer scalability to meet the demands of growing datasets and data processing.

3. Data Governance and Compliance

Provides tools to enforce data governance policies, ensure data quality and maintain compliance with industry regulatory requirements.

4. Enhanced Security

Provides tools for access control, encryption and auditing, helping organisations maintain data integrity and security and ensuring that the data is managed and protected.

5. Flexibility

Offers flexibility in terms of data processing engines, storage options and analytics tools, allowing organisations to experiment with new technologies and accommodating future needs.

6. Increased Agility

Organisations can quickly adapt to changing business needs, integrate new data sources and respond faster to market demands.

7. Cost Optimisation

Cloud-based modern data platforms offer cost-effective solutions. Organisations can pay for the resources they use, and scale as needed. This eliminates the need for large upfront costs in hardware associated with traditional on-premises infrastructure.

8. Real-time Data Processing

Enables organisations to harness real-time data processing, allowing for data to be analysed for immediate insights and timely decision-making.

9. Agile Decision-Making

Supports faster data processing and analysis, enabling organisations to make informed decisions in a timely manner.

10. Advanced Analytics and Machine Learning

Includes integrated tools for advanced analytics, machine learning and artificial intelligence, allowing organisations to extract valuable insights, make predictions and automate decision-making processes based on data patterns.

11. Data Storage

Provides scalable and flexible data storage solutions, allowing for the storage and management of large volumes of data.

12. Data Cataloguing and Discovery

Data catalogues leverage the metadata generated through a modern data platform to provide descriptive information on critical data assets. This helps users discover and understand available data, reducing the time spent searching for relevant information.

13. Collaboration and Self-Service

Promotes collaboration among different teams within an organisation. Self-service analytics capabilities enable non-technical users to access, explore and analyse data independently, without the reliance on IT departments.

14. Business Intelligence and Reporting

Integrated business intelligence tools in modern data platforms allow for the creation of intuitive, interactive dashboards, reports and visualisations. This assists decision-makers to understand complex data and communicate insights effectively.

In summary, a modern data platform is a comprehensive solution that empowers organisations to streamline data management processes, enhance analytical capabilities and provide a foundation for innovation and growth through data-driven decision-making by harnessing the full potential of their data.

If your business needs help in moving to a modern data platform, [email us](#) today or call 03 9924 3000 to discuss how one of our Data & AI specialists can help.

Contact

Fujitsu Data & AI
+61 3 9924 3000

© Fujitsu 2022. All rights reserved. Fujitsu and Fujitsu logo are trademarks of Fujitsu Limited registered in many jurisdictions worldwide. Other product, service and company names mentioned herein may be trademarks of Fujitsu or other companies. This document is current as of the initial date of publication and subject to be changed by Fujitsu without notice. This material is provided for information purposes only and Fujitsu assumes no liability related to its use.