

Key Components of a Modern Data Estate

Insight⁺

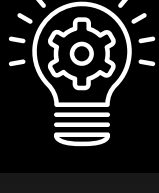
Organizations that race to implement the key initiatives of their data and Artificial Intelligence (AI) journey often overlook the necessary components that should be examined from day one.

According to “[The Path to Digital Transformation: Where IT Leaders Stand in 2022](#),” an Insight-commissioned IDG report:

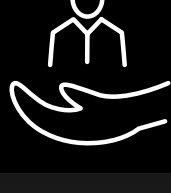
90%

of enterprises **expect IT modernization to have either a transformative or significant impact** on their organization’s long-term growth.

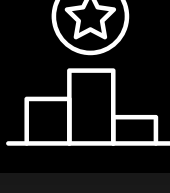
When deployed, data and AI solutions can enable your organization to:



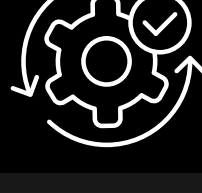
Innovate faster and at scale.



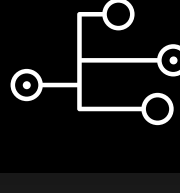
Improve efficiency and customer experience.



Strengthen competitive advantage.



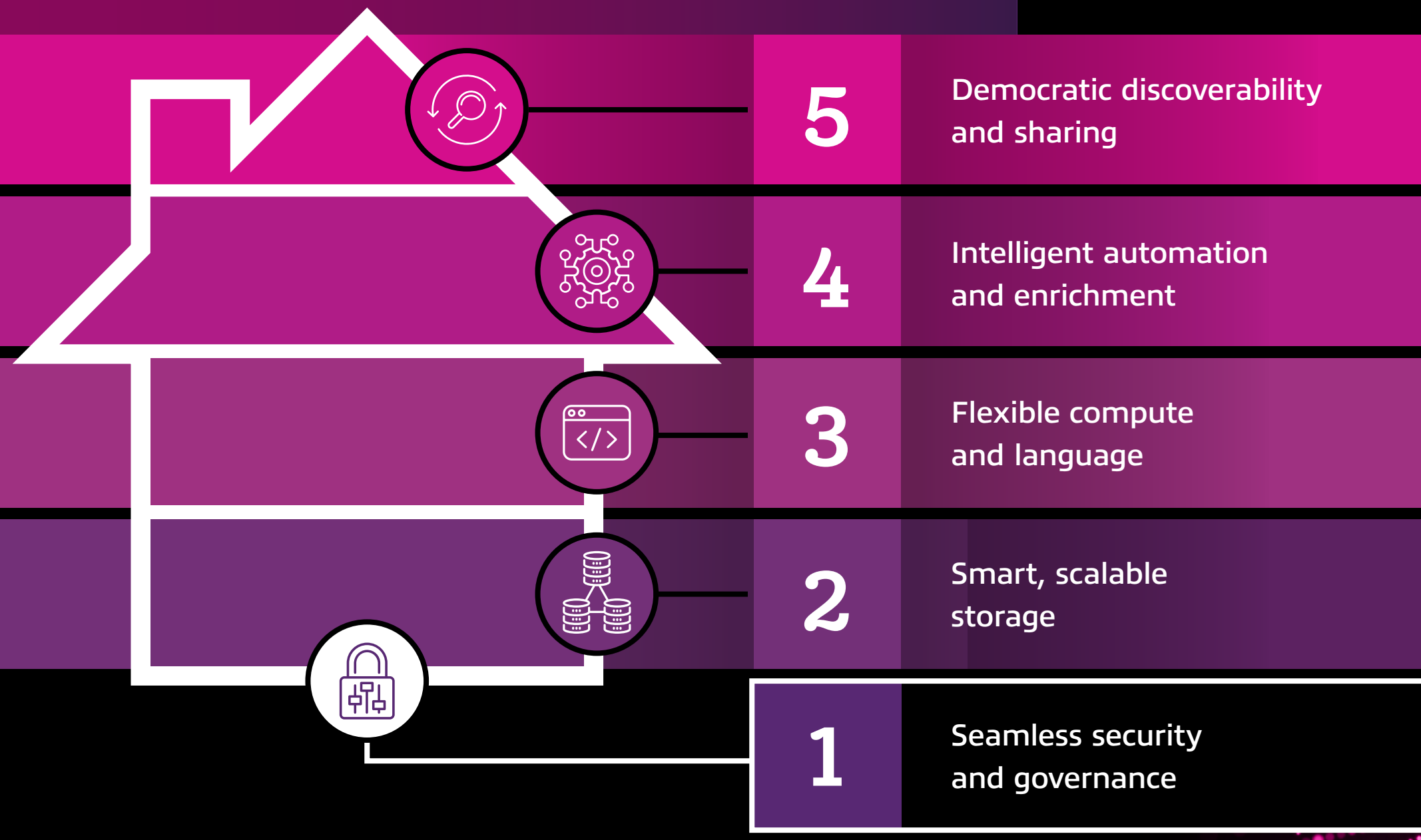
Cut repetitive tasks and human error.



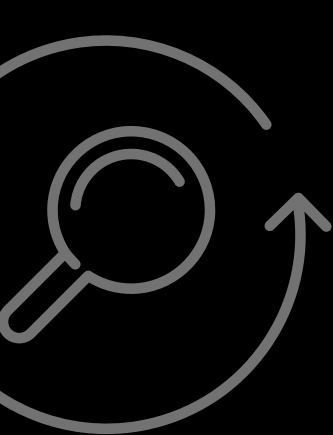
Help inform better business decisions.

But first, it’s important to understand the core components of a modern data estate — the foundation for creating a modernized data platform.

Unlock the power of data and AI with these 5 key components.



5 Democratic discoverability and sharing



Curated catalogs with common vocabularies, enabled for proper access and sharing across employees, customers and third parties

REAL-WORLD APPLICATION:

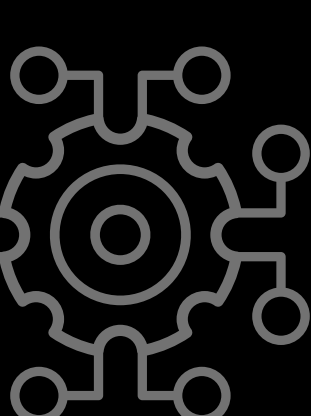
National Restaurant Chain Commits to Data Modernization

When a divestiture-driven migration left a nationally recognized chain restaurant with fractured data and inconsistent reporting, Insight built a modern data pipeline to establish a single source of truth for greater accuracy and reduced operational costs.

[Read more](#)



4 Intelligent automation and enrichment



Orchestration, replication and workflows in a real-time environment

REAL-WORLD APPLICATION:

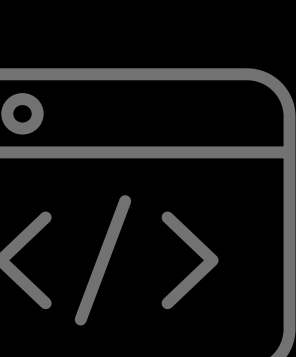
Fire Department Cuts Emergency Response Times in Half With Real-Time Data

Ensuring the safety of a 4+ million population, this fire department is leveraging data intelligence and cloud-based infrastructure to respond faster than ever when it matters most.

[Read more](#)



3 Flexible compute and language



Bring your own engine to the data; supports multiple workloads and different skill sets: AI, BI, real time and more

VALUABLE SOLUTIONS:

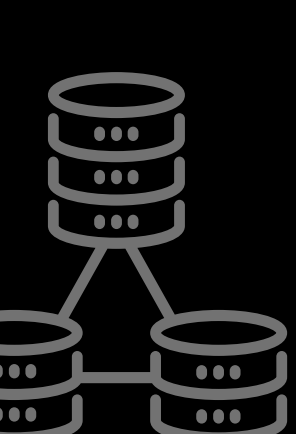
Make the Most of Databricks

Databricks brings together data, analytics and AI onto one platform. Built on an open and reliable data foundation, this all-in-one solution handles all data types and applies a unified security and governance approach across all data and cloud platforms, helping organizations operate more efficiently and innovate faster.

[Learn more](#)



2 Smart, scalable storage



Able to span multiple clouds and formats at minimal cost

SCALING CHALLENGES:

Many organizations experience trouble scaling. To address this issue, leaders must ask questions about scale and operational challenges in the initial stages of their data and AI journey.

Ask questions like:

- What does scaling mean for our company?
- Are we scaling regionally or globally?
- What infrastructure do we currently have in place?

[Learn more](#)



1 Seamless security and governance



At every level of a modern data estate, supported by clear rules and secure automation for scale

SECURE FOUNDATION:

A recent IDG report commissioned by Insight revealed:

66% of enterprises indicate their organizations are embedding security protocols and governance policies into applications early in the development lifecycle.

[Learn more](#)



The world demands more of your business. And you should expect more from your data ecosystem.

No matter what stage you are at in the data and AI journey, it is essential to have the right partner to better support your business outcomes and drive real value.

Accelerate your data and AI journey and realize stronger speed to value with Insight.

[CONTACT US](#)

Learn more at solutions.insight.com.

Source:

Marketpulse Research by IDG Research Services. (January 2022). The Path to Digital Transformation: Where IT Leaders Stand in 2022. Commissioned by Insight.