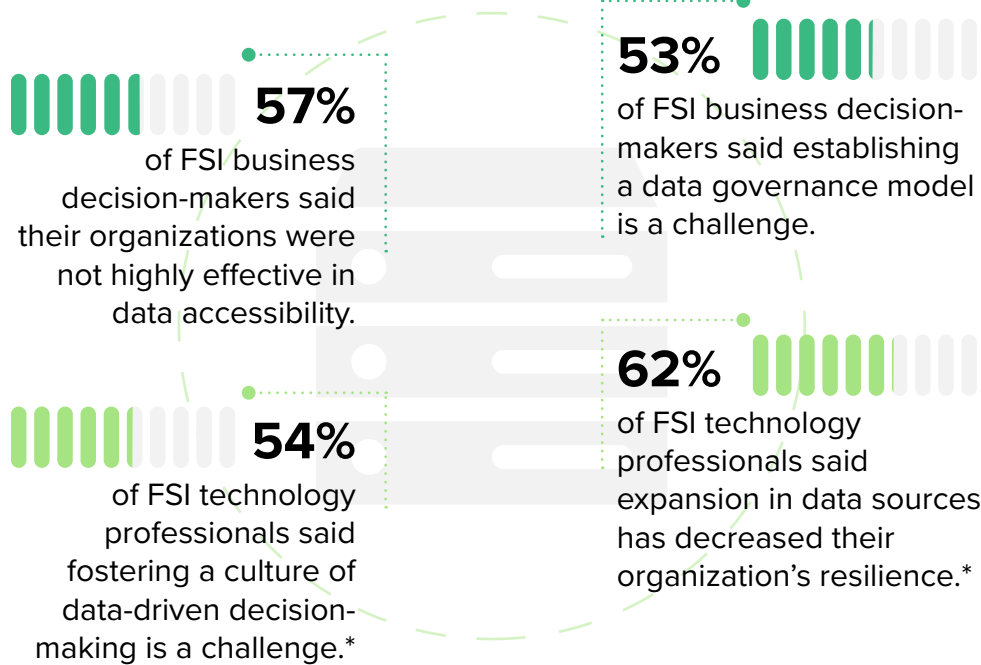


# From The Center To The Periphery: Navigating The Shift Toward Decentralized Data

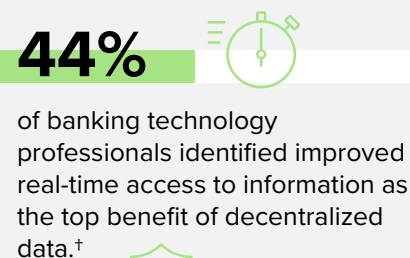
## LEGACY DATA ARCHITECTURES STRUGGLE TO MEET DATA CONSUMERS' GROWING DEMANDS

Centralized models fail to transform how organizations leverage data.



## DATA DECENTRALIZATION ENHANCES ACCESSIBILITY, COMPLIANCE, AND INNOVATION

Data decentralization devolves responsibility for data accessibility and security to business teams.



Data decentralization lets employees export data to other users as data products to foster a culture of data innovation.

## LEADING FSI FIRMS ARE SHIFTING TO DECENTRALIZED MODELS

Leading FSI firms are already deploying at scale.

**Forty-five percent** of technology leaders said their organization has implemented data decentralization in a limited capacity.\*

Another **18%** indicated their organization has already adopted it at scale.\*



**Fifty percent** indicated that their organizations are already using data virtualization tools.\*



**Forty-nine percent** noted the same for query accelerator tools.\*



**Thirty-nine percent** noted the same for data replication tools.\*

## A HOLISTIC STRATEGY IS CRUCIAL FOR IMPLEMENTING A DECENTRALIZED DATA APPROACH

To make data decentralization viable, FSI decision-makers must think beyond tools and technology.

- 1** Identify and define specific goals and use cases to drive successful data decentralization efforts.
- 2** Consider how existing centralization data architecture can be complementary to decentralized approaches.
- 3** Plan for integration and interoperability.
- 4** Involve the right partners to support your organization's transition to decentralized data.

Base: 330 business decision-makers in FSI organizations

\*Base: 214 tech professionals in FSI organizations

†Base: 108 tech professionals in the banking industry

‡Base: 106 tech professionals in the insurance industry

Source: A study conducted by Forrester Consulting on behalf of Red Hat and Intel, September 2023

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[Read the full study](#)