Rocket software

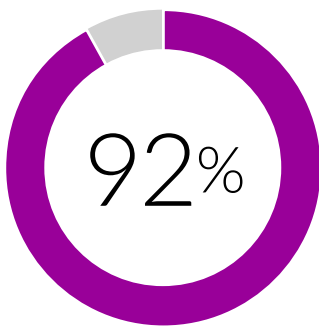# Mainframe Data in Enterprise Analytics

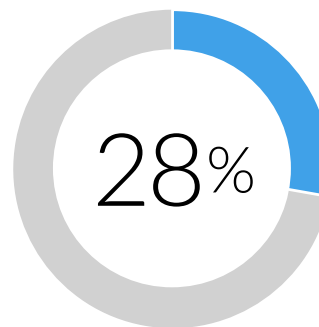Rethinking the role of mainframe data in AI and analytics

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Mainframes still house enormous volumes of critical data — transactional, customer, and inventory records. However, only 28% of leaders are fully tapping into this potential despite widespread acknowledgment of mainframe data value for AI and data analytics initiatives.

To better understand how businesses are leveraging — or planning to leverage — mainframe data for AI and analytics, Rocket Software partnered with Foundry to survey over 200 senior decision-makers in data analytics, data management, data engineering, and data architecture roles from May 10 to May 27, 2024.

92%
of survey respondents are actively pursuing AI to advance data and analytics initiatives.

28%
of survey respondents are currently using mainframe data extensively in their data-driven initiatives.

02

51%
said building new analytical capabilities or business initiatives is the most attractive use case for mainframe data.

46%
said mainframe data was a potential means for improving data quality, accuracy, and completeness of existing datasets.

Benefits of incorporating mainframe data into AI and analytics projects

In today's hyper-competitive landscape, Mainframe data can provide a competitive edge in today's market. mainframe data can be a differentiator and source of value. When incorporatedIntegrating it into AI and data analytics projects, mainframe data can enhanceenhance your company's performance and outcomes in several critical ways:

- Improved operational efficiency
- Better risk management
- Increased visibility into business operations
- Higher-quality decision-making

03

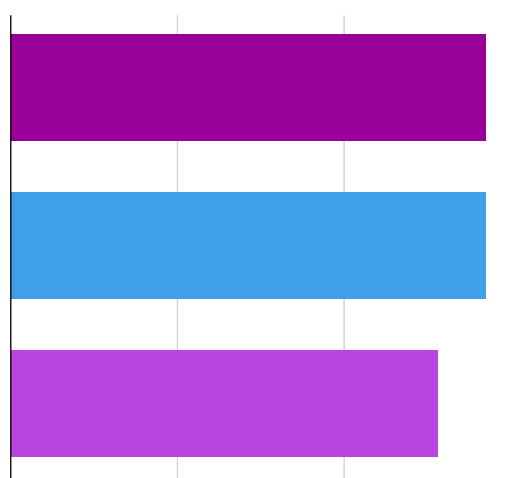### Challenges preventing companies from leveraging mainframe data effectively

Leaders face several key challenges when trying to unlock their mainframe data. Accessing it, combining it with other sources, and ensuring security, compliance, and privacy can be complex. Additionally, leaders perceive working with mainframes as cumbersome.

Top challenges:

76% Ability to access mainframe data and contextual metadata.

76% Ability to apply governance for security and compliance.

64% Ability to integrate mainframe data with cloud data sources.

04

42%
would prefer a prebuilt solution to integrate mainframe data with cloud data.

28%
would prefer to build an in-house solution.

Your solution for bringing mainframe data into AI and analytics

Integrating mainframe data into your enterprise's AI and data analytics projects requires a holistic approach. Focus on key factors like scalability, accessibility for both technical and non-technical users, automation, and data normalization. For many businesses, achieving these capabilities is easier with a prebuilt solution rather than one built in-house. With the right technology partner, you can quickly unlock the value of mainframe data and set your organization up for long-term success in AI and data analytics.

Ready to take the next step?

View the full report and learn more about how Rocket Software can help you make the most of your AI and analytics projects with mainframe data.

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