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# The AI-Ready Enterprise

## 3 Critical Trends Reshaping Data Integration

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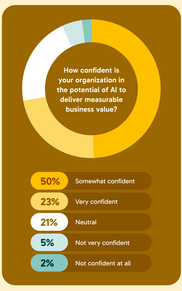
## 01 Leading the AI Revolution

**How 28% of Organizations Are Successfully Scaling AI**

Organizations that have moved beyond experimentation are reaping **significant competitive advantages** through AI implementation.

**Key Findings**

- 7% of organizations have AI solutions in full production
- 28% are rapidly scaling AI across the business
- 73% have medium -high confidence that AI can deliver measurable business value




- 50% Somewhat confident
- 23% Very confident
- 21% Neutral
- 5% Not very confident
- 2% Not confident at all

### Companies that have embraced AI are experiencing transformative benefits

- 36% report improved decision-making through AI-enhanced insights
- 35% have streamlined operational processes
- 33% have reduced errors by automating repetitive tasks

### What Sets the 28% Apart?

They've overcome the **4 factors** identified as barriers to full AI adoption.

- Data quality concerns 44%
- Limited budgets or resources 39%
- Difficulty integrating with existing systems 34%
- Lack of in-house expertise 31%

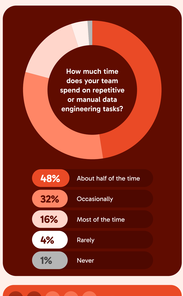
## 02 Breaking Free from Hand-Coding

**Why Data Teams Are Making the Switch**

Data teams still heavily rely on manual coding – and it comes at **significant cost** to the organization.

**Key Findings**

- 60% of data teams rely on hand-coded solutions.
- 47% rely on the skillset of a specific individual to maintain and scale hand-coded pipelines.




- 48% About half of the time
- 32% Occasionally
- 16% Most of the time
- 4% Rarely
- 1% Never

**1 in 3** organizations struggle to meet business demands because of challenges faced as a result of hand-coding.

Automating workflows is a priority for the year ahead

**A third** of businesses plan to automate workflows over the next 12 months.

The business-wide impacts of hand-coded solutions leave enterprises with little other option than to transition to intelligent data integration platforms, with integrated automation capabilities.

**2 out of 5** businesses are limited by the lack of automation capabilities within their current solutions.

## 03 Scalability and Compatibility

**Why Traditional Data Engineering Can't Keep Up**

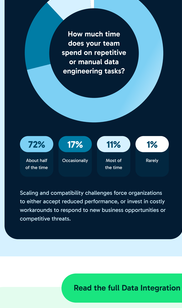
Enterprise data teams face **mounting pressure** as legacy platforms fail to meet modern business demands.

**Key Findings**

Traditional data engineering platforms are failing to keep up with the growing needs of today's data-driven business landscape.

- 89% experience difficulty scaling pipelines to meet data processing needs.
- 80% struggle with compatibility and integration between existing tools.

**The ability to scale as needed is vital as data volumes grow and business requirements become more complex.**




- 72% About half of the time
- 17% Occasionally
- 11% Most of the time
- 1% Rarely

Scaling and compatibility challenges force organizations to either accept reduced performance, or invest in costly workarounds to respond to new business opportunities or competitive threats.

Only **12%** of organizations rarely or never experience scaling issues

**43%** of organizations now aim to improve solution scalability

Read the full Data Integration and AI-Readiness report

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## Matillion's unified platform, with AI built in offers

### Democratized data engineering.

Build and maintain pipelines with no code required, or write code in SQL, Python and dbt.

Learn more

### Matillion Copilot.

Leverage plain language prompts to carry out complex transformations faster.

Learn more

### Accelerated pipeline creation.

Use the intuitive visual designer to drag and drop components for increased productivity.

Learn more

Prepare for an **AI-driven future** by seeing Matillion for yourself

Book a demo

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This survey was conducted in partnership with Perspectus Global in January 2025. Respondents included 307 data decision-makers and data user-titles, based across the UK and the US.