AI ADOPTION: FAST MOVERS VS. SLOW MOVERS

Exploring the distinct approaches to AI adoption among executives: embracing innovation versus waiting for maturity.

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Presenter

FAST MOVERS VS. SLOW MOVERS IN AI ADOPTION

Understanding the Divergence in AI Adoption Strategies

FAST MOVERS

1. Recognize AI as an investment in competitiveness and innovation.

2. Actively engage in AI adoption with a focus on scalability.

3. Understand the urgency of integrating AI in business processes.

4. Invest in AI technologies to maintain a competitive edge.

5. Use AI to drive innovation and create new market opportunities.

SLOW MOVERS

1. Adopt a 'wait and see' approach regarding AI integration.

2. 90% of executives are hesitant, waiting for GenAI to move beyond the hype.

3. Focus primarily on limited experimentation and small-scale pilots.

4. Believe it will take at least two years for AI to mature.

5. Often miss opportunities for innovation due to hesitation.

TOP REASONS FOR NOT ADOPTING GENAI

Understanding the Barriers to GenAI Integration

SECURITY AND DATA CONCERNS

28% of organizations cite security and data concerns as their primary reason for not adopting Generative AI. The fear of potential data breaches and misuse of sensitive information is a significant barrier.

LACK OF EXPERTISE

26% of respondents mention a lack of expertise in AI technologies as a major hurdle. Many businesses feel unprepared to implement GenAI due to insufficient knowledge and skills among their workforce.

OTHER INITIATIVES TAKE PRIORITY

22% of organizations report that other initiatives are currently prioritized over the adoption of GenAI. Businesses often have limited resources and may choose to focus on projects that promise quicker returns.

### WAITING FOR AI TECHNOLOGY TO MATURE

21% of companies are hesitant to adopt GenAI, opting to wait for the technology to mature. The rapidly evolving nature of AI can make organizations cautious about premature investment.

LACK OF BUDGET

18% cite budget constraints as a reason for not adopting GenAI. The cost of implementation, including technology, training, and ongoing maintenance, can be prohibitive for many organizations.

TRADITIONAL TECHNOLOGY MEETS NEEDS

15% of organizations feel that their existing traditional technologies adequately meet their needs, leading them to postpone exploring GenAI solutions.

NO APPLICABLE USE CASE

13% of respondents indicate that they do not see any applicable use case for GenAI in their operations, making it difficult to justify its adoption.

NO EXECUTIVE SUPPORT

11% mention a lack of executive support as a barrier. Without buy-in from leadership, initiatives for adopting new technologies like GenAI are often stalled.

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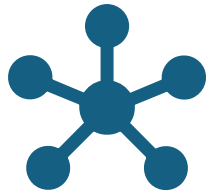
TOP CHALLENGES IN ADOPTING GEN AI

- 61%: Infrastructure, tooling, or out-of-the-box solutions don't meet my needs
- 54%: Insufficient budget
- 52% Concerns about data and privacy
- 47%: Uncertain ROI
- 42%: Difficulty attracting and retaining talent

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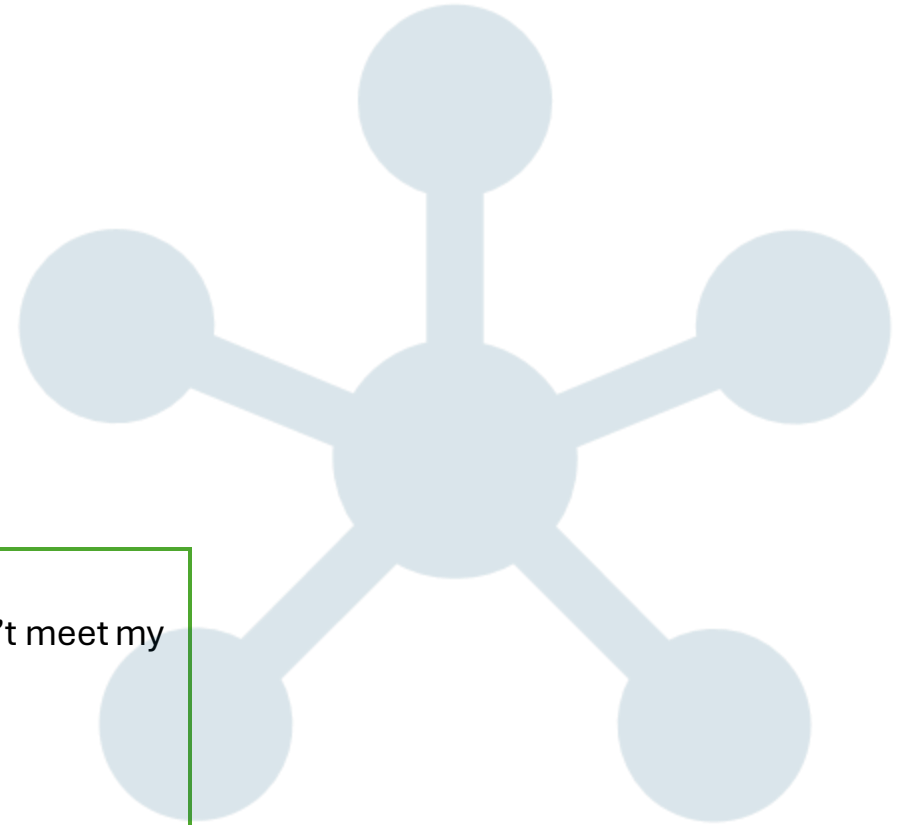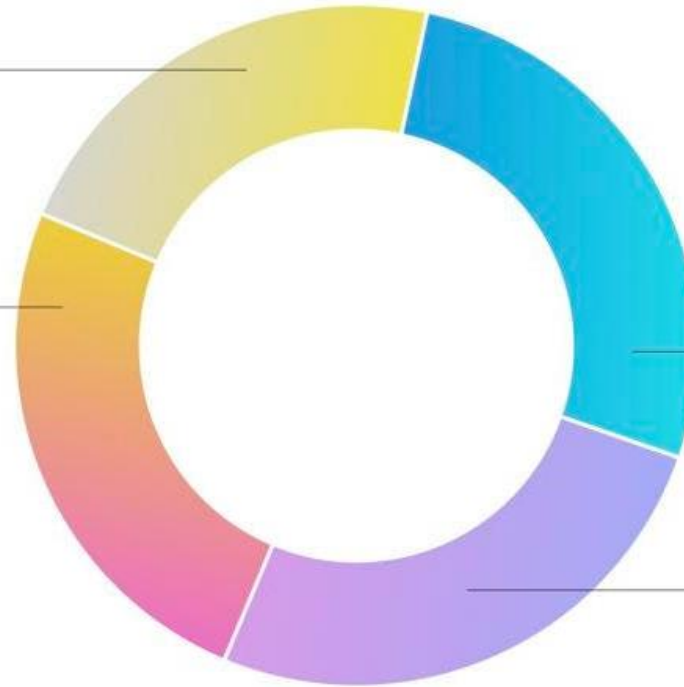
What is the current stage of your AI/ML project?

No model deployed to production

25%
Evaluating use cases

26%
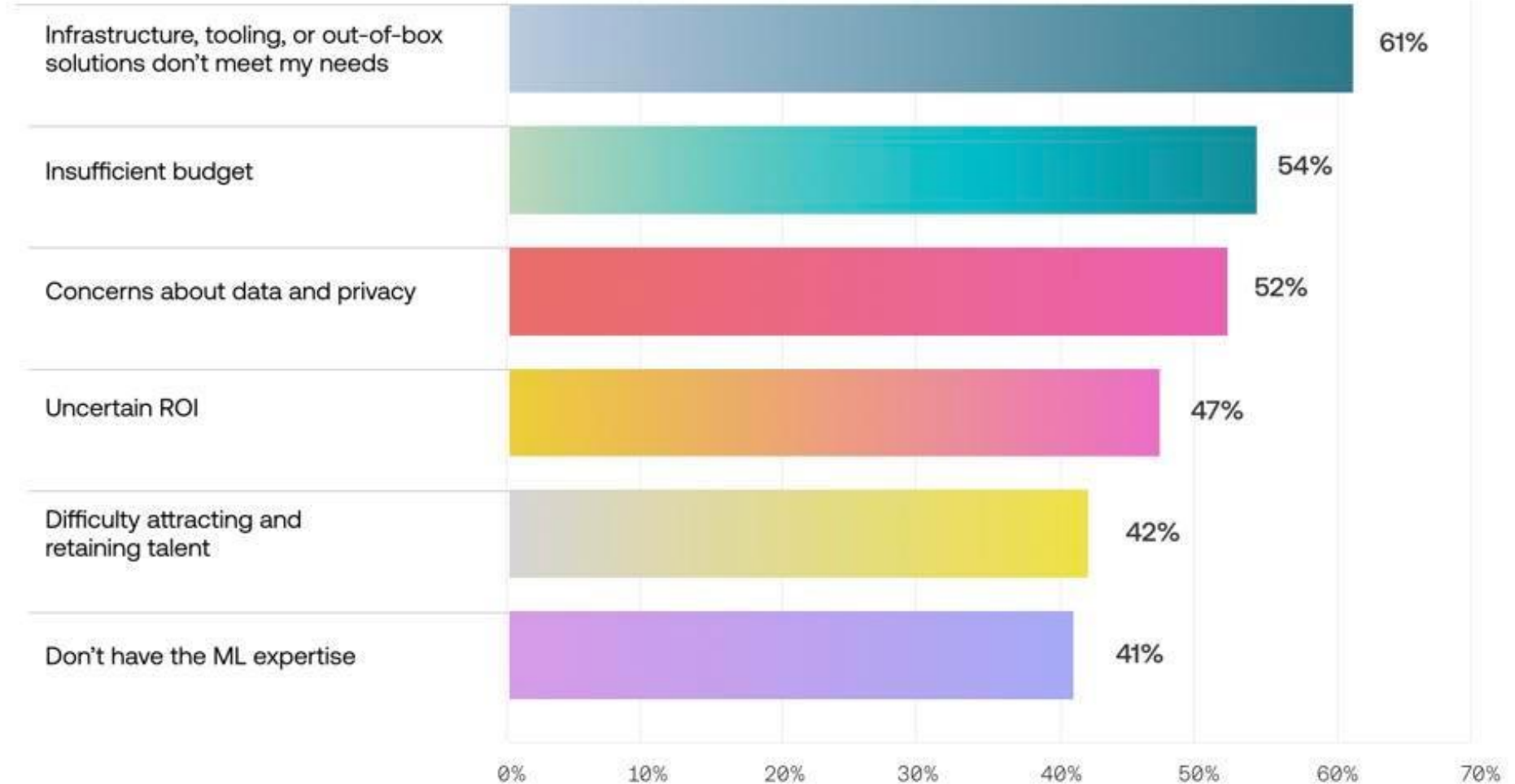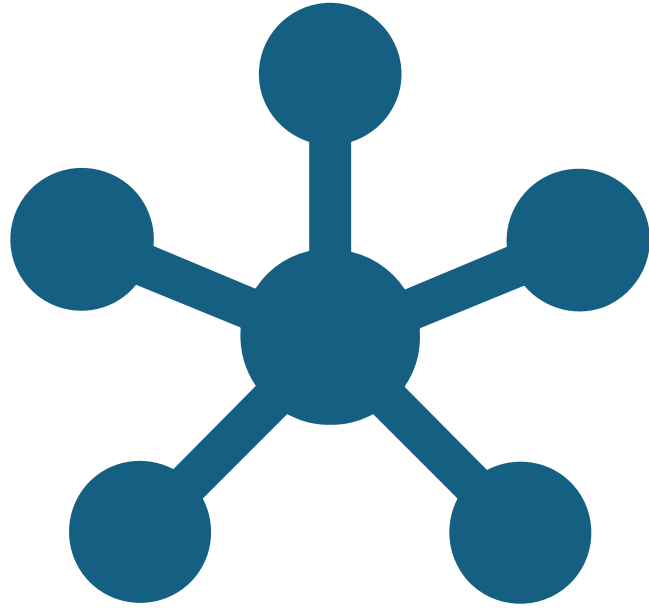Developing the first model/application

One or more models deployed

22%
One model/application deployed to production

27%
Multiple models/applications deployed to production

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What are the top challenges in implementing AI technologies at your company?

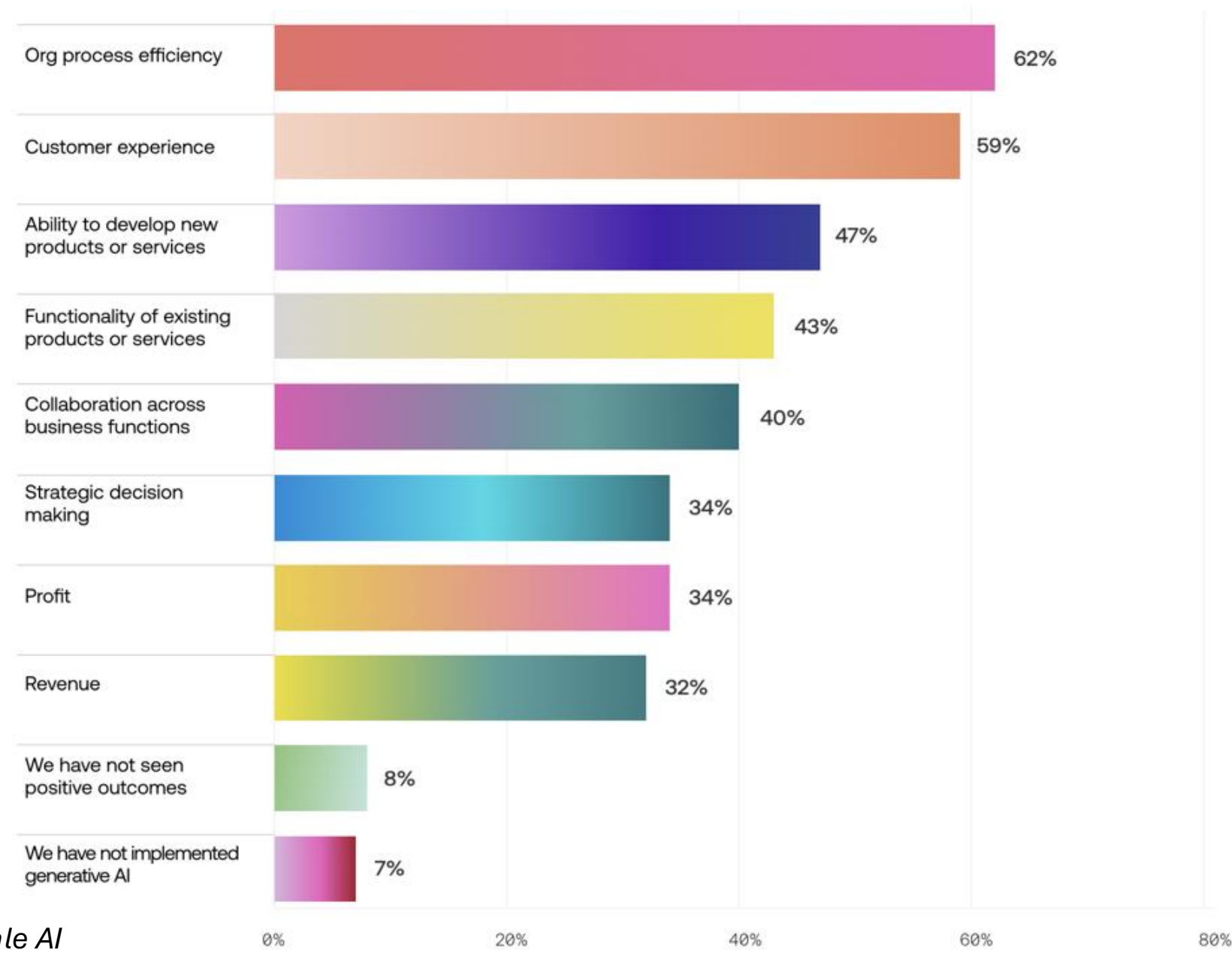| Challenge	Percentage
Infrastructure, tooling, or out-of-box solutions don't meet my needs	61%
Insufficient budget	54%
Concerns about data and privacy	52%
Uncertain ROI	47%
Difficulty attracting and retaining talent	42%
Don't have the ML expertise	41%

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TOP AREAS OF IMPLEMENTATION

- 65%: Computing programming/developer tools
- 58%: Content generation
- 56%: Data analysis tools
- 55%: Customer chatbots
- 47%: Process automation
- 47%: Knowledge management/Employee copilots
- 40%: Summarization, report generation
- 25%: Recommendation systems

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What positive outcomes have you seen from generative AI adoption?

Category	Percentage
Org process efficiency	62%
Customer experience	59%
Ability to develop new products or services	47%
Functionality of existing products or services	43%
Collaboration across business functions	40%
Strategic decision making	34%
Profit	34%
Revenue	32%
We have not seen positive outcomes	8%
We have not implemented generative AI	7%

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LEADERSHIP IN AI TRANSFORMATION

01 Importance of AI Leadership

> **01** In the rapidly evolving landscape of artificial intelligence, businesses must prioritize strong leadership to navigate complex transformations. Appointing a Chief AI Officer or an AI transformation leader is crucial to steer the organization through these changes effectively, ensuring alignment with business goals and technology advancements.

02 Role of Chief AI Officer

> **01** The Chief AI Officer (CAIO) plays a pivotal role in overseeing AI initiatives within the organization. This leader is responsible for developing and implementing strategies that leverage AI to enhance operational efficiency, drive innovation, and create competitive advantages in the marketplace.

03 Balancing Transformation and Business Needs

> **01** One of the primary challenges in AI transformation is maintaining a balance between technological advancements and business needs. A dedicated leader can facilitate this balance by ensuring that AI solutions are not only innovative but also align with the overall business strategy and operational requirements.

04 Navigating Complexity of AI Integration