In many industries, executives expect AI’s influence to grow. The chart shows the percentage of executives who expect AI to play a major role today and within five years.

- Technology, Media & Telecom: 54%
- Finance: 50%
- Consumer: 47%
- Professional Services: 45%
- Health Care: 45%
- Industrial Goods: 44%
- Energy: 43%
- Public Sector: 41%

The data and training barrier is one of the key challenges. The infographic highlights that while many executives expect great things from AI, few companies are actively exploiting it.

- 84% expect AI to create competitive advantage.
- 75% of executives say their companies are pilot testing AI.
- 38% say their companies have an AI strategy.
- 23% say their companies are extensively using AI.
- 5% neither agree nor disagree.

An understanding of data and training needs separates the most sophisticated AI companies from the least sophisticated.

- Most sophisticated:
  - 87% understand the data needs of AI.
  - 85% understand the processes needed to train AI algorithms.
  - 72% gain competitive advantage through access to new, unique, or rich data.
  - 63% build technical skills and cross-functional teams.
  - 50% understand the interplay of data, training, and algorithms.

- Least sophisticated:
  - 11% understand the data needs of AI.
  - 7% understand the processes needed to train AI algorithms.
  - 47% gain competitive advantage through access to new, unique, or rich data.
  - 47% build technical skills and cross-functional teams.
  - 41% understand the interplay of data, training, and algorithms.

Leading companies capitalize on AI in three ways:

1. Understand the interplay of data, training, and algorithms.
2. Build technical skills and cross-functional teams.
3. Gain competitive advantage through access to new, unique, or rich data.

The infographic is based on a survey of 3,000 executives conducted by The Boston Consulting Group and MIT Sloan Management Review and discussed in “Reshaping Business with Artificial Intelligence” and “Putting Artificial Intelligence to Work.”

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