Hide menu

Introduction to the AI Ladder and Fundamentals of AI

No AI without IA

- ✓ **Video:** No AI Without IA Introduction
  1 min
- ✓ **Video:** Value Proposition
  2 min
- ✓ **Reading:** Modernizing your information architecture
  3 min
- ✓ **Video:** Our Story: No AI Without IA
  8 min
- ✓ **Quiz:** Check for Understanding: No AI Without IA
  2 questions

First Step in the Ladder: Collect Data

Second Step in the Ladder: Organize Data

Third Step in the Ladder: Analyze Data

Final Step in the Ladder: Infuse AI

End of module review & evaluation

Modernizing your information architecture

In order to prepare your data for AI and hybrid cloud, and to make the journey to AI possible, it is important for your organization to build a reliable information architecture (IA) that is efficient and agile.

The architecture that your organization creates will be the most successful if it is an elastic and extensible multicloud infrastructure that unifies key capabilities around:

- collecting
- organizing
- analyzing, and
- infusing data

Modernize means building an information architecture for AI that provides choices and flexibility across your business. As you modernize your data estates for an AI and multicloud world, you will find that there is *less* work required to expand and infuse AI throughout your business processes.

AI is not magic

AI is not magic. It's computer science. There is no magical wand that exists to fix enterprise inefficiencies, and access to the technology is not enough. AI adoption necessitates a thoughtful approach with an efficient, well thought-out information architecture.

The vast majority of AI failures are due to the lack of data preparation and organization, not the AI models or use cases. There are three major challenges organizations must overcome to truly transform into an AI-first company:

- **Data:** Either too much data, not enough data or bad, irrelevant data.
- **Skills:** AI skills are new, rare, and in high demand.
- **Trust:** The decisions made with AI systems must be accountable, traceable

This course will focus primarily on the first challenge listed above, *data*.

There is no AI without IA

There is no AI without Information Architecture (IA). IA is the practice of structuring data for a purpose. For the purpose of AI, IA's purpose is to create a unified, organized data collection that can drive analysis on a multicloud platform.

Creating the appropriate IA allows your organization to have the ability to simplify and automate the process of transforming data into insights using machine learning models, as well as implementing other AI tools and capabilities.

✓ **Completed**   **Go to next item**

👍 Like   👎 Dislike   🚩 Report an issue