

# AI Framework

Structuring knowledge, skills and tasks to achieve positive AI outcomes

Mirroring the pattern of prior waves of disruptive technologies, artificial intelligence (AI) will transform the workplace on multiple fronts.

From automating tasks to augmenting human effort, AI will simultaneously create, reshape, and displace job roles and functions.

Organizations face new challenges in navigating the complexities of a rapidly changing future of work.



## Evaluation

Filtering out the hype and “noise” to focus on value-add use cases from pilot to production



## Orchestration

AI is not monolithic; how the pieces fit together is as important as the pieces themselves



## Future Readiness

Building towards a future ready state is a process; critical skills development coupled with workflows, compliance, ethics and more

## CompTIA Tech Jobs Taxonomy CompTIA AI Framework

CompTIA's tech jobs taxonomy defines the job families, job roles and underlying detail of the tech workforce. CompTIA's AI framework extends this approach.

Infrastructure

Support

Security

Development

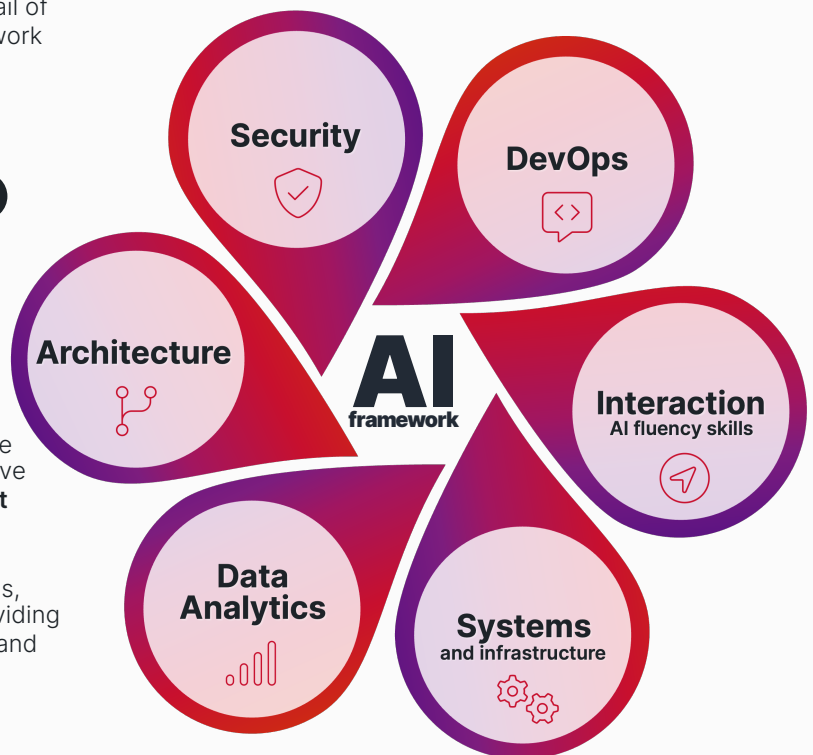
Tech Enablement

Data

As an enabling technology, AI, and the skills that accompany it, will permeate every component of the framework.

At the same time, every component of the framework must work in concert to achieve positive AI outcomes. **Skills development flows in both directions.**

Recognizing there is more to AI than LLMs, CompTIA's AI framework is unique in providing a holistic approach to strategic planning and implementation.



 **Continue the discussion with CompTIA's product roadmap**



HR ranking of top skill development priorities<sup>1</sup>

**#1 AI**

**#2 Security**

**#3 Data analytics**

AI's rapid, disruptive growth contributes to...


Fear of missing out

Fear of falling behind

Fear of making the wrong bet

CompTIA's commitment to unlocking potential, overcoming confidence gap barriers, and equipping anyone seeking to start or advance in a career in technology with the skills and on-ramps to do so, serves as our guiding principles with the AI framework.

CompTIA Inc. is the leading global provider of vendor-neutral information technology (IT) training and industry-recognized certifications.

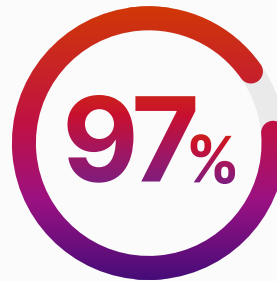
 **CompTIA Building AI Strategy**  
Whitepaper and market research

**CompTIA Careers+ AI**  
Interactive "test drive" of AI job roles

**+130%**

Percentage change growth of employer job listings for AI skills<sup>2</sup>

HR leaders rank the **pace of technological change** as the top contributing factor to skills gaps and shortages<sup>1</sup>



HR net importance<sup>1</sup> rating of validating technical learning and skills attainment through industry-recognized certifications

<sup>1</sup>CompTIA Workforce and Learning Trends 2025

<sup>2</sup>CompTIA analysis of Lightcast job posting data | YTD YoY