

## Cisco AI Business Practitioner (CPLL-AIBIZ)

Duration: 180 Days

The Cisco AI Business Practitioner (AIBIZ) Learning Path helps you bridge the AI literacy gap. You'll learn how to adopt AI strategically and responsibly while gaining practical, hands-on skills to use Generative AI for productivity, content creation, analysis, and leadership. You'll start with foundational concepts and hands-on tool practice, then advance through prompt engineering, strategic evaluation, and real-world applications across marketing, customer support, and data analysis. The journey culminates in leadership training—equipping you to design implementation roadmaps, manage change, and build compelling business cases for AI adoption. This Learning Path is ideal for business professionals, managers, and leaders ready to harness Generative AI's potential while developing critical thinking skills for responsible, strategic integration.

### Skills You'll Learn:

- Understand key Generative AI tools, including Large Language Models (LLMs), Diffusion Models, and tools for audio/code generation, along with their capabilities and limitations
- Select, evaluate, and utilize prominent AI platforms, chatbots, image generators, and research tools, considering performance, security, compliance, and economic factors
- Craft clear, contextual, and persona-based prompts, employ iterative refinement, and utilize advanced techniques for complex tasks to guide AI towards specific business goals
- Create and refine professional textual content (emails, reports), visual content (graphics, marketing images), and audio content (voiceovers) using AI tools
- Identify and mitigate algorithmic bias, understand data privacy regulations, protect sensitive information, and establish responsible AI use policies within teams
- Detect hallucinations, factual errors, and biases in AI-generated outputs, and apply strategies for correction, refinement, and when to regenerate content
- Utilize AI for exploratory data analysis, generate visualizations, identify patterns, formulate hypotheses, synthesize information, and structure research content
- Grasp core API concepts, their role in AI systems, security principles (authentication, key management), and cost management for integrating AI functionalities
- Develop personal AI integration roadmaps, identify high-value AI use cases, manage change, design pilot projects, establish best practices, and champion AI innovation within their organizations

**Learning Path Objectives:**

1. **First Steps with Python:** Gain a solid foundation in Generative AI, covering essential concepts, tools, responsible use, and hands-on experience to boost your productivity with AI-powered solutions. Core Generative AI Skills: "Describe core Generative AI concepts and their strategic business applications and apply basic techniques for prompting and content generation to enhance professional productivity.
2. **Advanced AI Application and Evaluation:** Expand your Generative AI expertise by evaluating AI outputs for errors and biases, applying advanced prompt engineering techniques, conducting data analysis, leveraging AI for research and brainstorming, and integrating AI APIs securely and efficiently into business systems.
3. **Strategic AI Leadership and Organizational Integration:** Drive organizational AI transformation by consolidating your AI toolkit, developing integration roadmaps, identifying strategic opportunities, managing change, and leading your team in ethical, collaborative, and innovative AI adoption.

