



MICROSOFT TRAINING

# Microsoft Copilot Architecture

*Master Microsoft Copilot architecture. Design and implement scalable, secure AI solutions for your enterprise.*

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DURATION

**2 hours**

LEVEL

**Intermediate**

FORMAT

**Instructor-Led**

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- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | [www.computer-pride.co.ke](http://www.computer-pride.co.ke)

## COURSE OVERVIEW

This intermediate-level course, "Microsoft Copilot Architecture," provides IT professionals, developers, and solution architects with a comprehensive understanding of the foundational components and operational mechanics behind Microsoft Copilot. In just two hours, participants will delve into the intricacies of how Large Language Models (LLMs), Microsoft Graph, and Microsoft 365 applications converge to deliver intelligent assistance across the enterprise. You will learn how Copilot leverages your organizational data securely and efficiently to enhance productivity and foster innovation.

By mastering the architectural principles of Microsoft Copilot, you will gain critical insights into its deployment, governance, security, and compliance aspects. This course is designed to equip you with the knowledge to effectively plan, implement, and manage Copilot within your organization's existing Microsoft ecosystem. Understanding these core technologies and their integration will empower you to drive strategic AI initiatives, optimize business processes, and unlock the full potential of generative AI within a secure and controlled environment, ultimately boosting your professional value in a rapidly evolving technological landscape.

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|-----------------|--------------|
| <b>Duration</b> | 2 hours      |
| <b>Level</b>    | Intermediate |
| <b>Vendor</b>   | Microsoft    |

## COURSE CURRICULUM

### 01 Module 1: Introduction to Microsoft Copilot and its Ecosystem

- What is Microsoft Copilot and its value proposition
- Overview of Generative AI principles
- Key components of the Microsoft Intelligent Data Platform
- Understanding the role of Microsoft Graph in Copilot

### 02 Module 2: Deconstructing Copilot's Core Architecture

- Large Language Models (LLMs) and their function within Copilot
- The Copilot orchestration layer and its functions
- Data flow and interaction between LLMs, Microsoft Graph, and M365 Apps
- Concepts of 'Grounding' and Retrieval Augmented Generation (RAG)

### 03 Module 3: Security, Compliance, and Deployment Considerations

- Microsoft's approach to data privacy and security in Copilot
- Compliance frameworks and data residency implications
- Administering and governing Copilot at the tenant level
- Monitoring Copilot usage and performance

## CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Enterprise AI Solutions Architect**
- > **Microsoft 365 AI Governance Specialist**

[> Data & AI Integration Engineer](#)

## FREQUENTLY ASKED QUESTIONS

**Q: What foundational knowledge should I possess before enrolling in the Microsoft Copilot Architecture course?**

This intermediate course assumes participants have a basic understanding of Microsoft 365 services, cloud computing concepts (Azure fundamentals), and general IT infrastructure. Familiarity with data security principles and an awareness of AI/Machine Learning concepts would be beneficial but are not strictly required, as key concepts will be introduced.

**Q: How will understanding Copilot's architecture specifically enable me to contribute to my organization's enterprise AI strategy and implementation?**

By comprehending Copilot's architecture, you'll be equipped to advise on its secure and compliant deployment, identify optimal use cases, troubleshoot integration challenges, and articulate its value to stakeholders. This knowledge is crucial for guiding strategic decisions, ensuring data governance, and maximizing the return on investment for AI initiatives within your enterprise.

**Q: Does this course address how sensitive organizational data is protected and governed when Microsoft Copilot processes information from sources like Microsoft Graph and SharePoint?**

Absolutely. A significant portion of the course is dedicated to exploring Microsoft's robust security, compliance, and privacy frameworks specifically applied to Copilot. You will learn about data boundaries, access controls, data residency, and how Copilot inherits existing Microsoft 365 security policies to ensure sensitive organizational data remains protected and governed in accordance with enterprise standards.

## ABOUT COMPUTER PRIDE



*East Africa's Premier IT Training Center*

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

**15+**

Years of Excellence

**10,000+**

Professionals Trained

**50+**

Vendor Certifications

## READY TO ENROL?

Take the next step in your technology career.

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