hkpc Academy 生產力學院

Mastering Google Gemini and Nano Banana

CONNECTION TECHNOLOGY 裝備未來 FUTURESKILLS

This workshop provides an overview of Google's Gemini AI ecosystem. It covers large language models (LLMs), as well as the "Nano Banana" image generation and editing suite. Participants will learn how to use text prompts for general tasks. They will also learn AI-powered visual creation and manipulation using natural language.

Programme code	P0000256
Date and time	27 April 2026 (2:00pm – 5:30pm)
Venue	1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon Tong
Medium	Cantonese, supplemented with English terminology
Course fee	HK$1,800/*HK$1,680 for early bird

Trainer Information

Dr Patrick TSOI, he is a trainer with over 28 years hands-on data science, Big Data and programming experiences. He is a Doctor of Education graduate from the Hong Kong Baptist University, Master in IT Education graduate from the University of Hong Kong and B.Eng in System Engineering and Engineering Management from the Chinese University of Hong Kong.

Enrolment method

Scan the QR code to register !

If you have any inquiries, please feel free to contact us.

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Course Outline

1: Introduction to Google Gemini

1.1. Understanding the Gemini Ecosystem

- Overview of Google's AI models: Gemini Flash and Gemini Pro
- Key differences: Speed, reasoning, and multimodal capabilities.
- Accessing Gemini: Gemini App, Google AI Studio, and API integrations.

1.2. Prompt Engineering Fundamentals

- Crafting effective prompts for desired outcomes.
- Techniques for clarity, context, and consistency.
- Leveraging Gemini's real-world knowledge for accurate information and creative tasks.

2: Introduction to Nano Banana

2.1. The "Nano Banana" Phenomenon

- Defining Nano Banana and Nano Banana Pro.
- Why it's a game-changer: Character consistency and natural language editing.

2.2. Core Image Generation Capabilities

- Generating images from text prompts (text-to-image).
- Exploring resolution options (up to 4K with Pro version) and aspect ratios.
- Understanding the interface and key settings for basic generation.

3: Advanced Nano Banana Editing & Workflow

3.1. Natural Language Image Editing

- Using simple text commands to edit photos (image-to-image).
- Techniques: Object removal, background swaps, style transfers, and color grading.
- Maintaining subject consistency across edits.

3.2. Multi-Turn Editing and Blending

- Iterative editing: Building complex scenes step-by-step with sequential prompts.
- Image blending: Combining multiple source images into a unified scene.
- Working with up to reference images for brand and style fidelity.

3.3. Specialized Use Cases & Ethical Considerations

- Generating accurate text within images (infographics, posters, mock-ups).
- Enterprise and commercial applications (marketing, architecture, education).
- Responsible AI use: Understanding SynthID watermarking and ethical guidelines.

4: Future Outlook & Wrap-Up

4.1. Integration & The Future of Google AI

- Integrating Nano Banana into Google Workspace (Slides, Docs, Ads).
- Upcoming trends and anticipated updates in generative AI.

4.2. Q&A and Next Steps

- Resources for continued learning (API documentation, tutorials, communities).
- Final questions and discussion.