

# Welcome to AI

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## Description

Join our 1-day workshop to demystify Generative AI. Discover how to leverage tools like ChatGPT, Gemini, and Copilot for personal productivity, research, and creative image generation.

We'll cover practical prompt techniques, explore real-world business applications, and delve into the future of AI, including ethical considerations.

Gain the foundational knowledge and hands-on skills you need to confidently navigate the world of Generative AI. This workshop will provide you with a comprehensive understanding of the core concepts, practical applications, and future implications of Generative AI.

## Duration

1 day divided into 2 Half-Day workshops: 9 am to 1 pm

The first half-day will offer an overview of current AI, while the second half will focus on hands-on practice with AI tools to create practical solutions.

## Course outcomes

- You'll learn how to craft effective prompts to elicit desired outputs, explore diverse use cases across various industries, and understand the potential impact of AI on society. We will also discuss the importance of responsible AI development and deployment, including considerations for bias, fairness, and transparency.
- Through a combination of interactive lectures, hands-on exercises, and real-world examples, you'll gain the skills and knowledge necessary to confidently apply Generative AI tools in your work and personal life.

## Course Content

### Understanding Artificial Intelligence

- Learning the History of Generative AI Models
- Understanding How Advancements in Computer Technology Impact AI
- Learning the Industry Shifts since ChatGPT
- Understanding Large Language Models
- Knowing Strengths and Weaknesses of LLMs
- Recognizing Limitations of Generative AI

### Using Generative AI Chatbots

- Getting Started with Generative AI Chatbots
- What is an AI Chatbot?
- Using Different Types of Text Prompts
- Using Basic Prompts with Chatbots

### Getting Started with ChatGPT

- Understanding Open AI's ChatGPT
- Accessing ChatGPT
- Understanding Account Types
- Starting a Chat with ChatGPT
- Recognizing ChatGPT Limitations
- Working with Examples of ChatGPT Prompts

## Getting

### Started with Gemini

- Understanding Gemini
- Accessing Gemini
  
- Understanding Account Types
- Starting a Chat with Gemini
- Recognizing Gemini Limitations
- Working with Examples of Gemini Prompts

### Getting Started with Copilot

- Understanding Copilot
- Accessing Copilot
- Understanding Account Types
- Starting a Chat with Copilot
- Recognizing Copilot Limitations
- Working with Examples of Copilot Prompts
- Using Copilot in the Edge Browser

### Understanding Prompt Engineering

- Describing Prompt Engineering
- Understanding the Structure of a Prompt
- Crafting Better Prompts with Chatbots

### Getting Started With Generative AI Images

- Understanding AI Images
- Reviewing the Basic Structure of AI Image Prompts
- Learning Tips for Creating AI Image Prompts

### Crafting Better Image Prompts

- Creating Images using Gemini
- Knowing Gemini Image Limitations
- Creating Images using Copilot
- Knowing Copilot Image Limitations