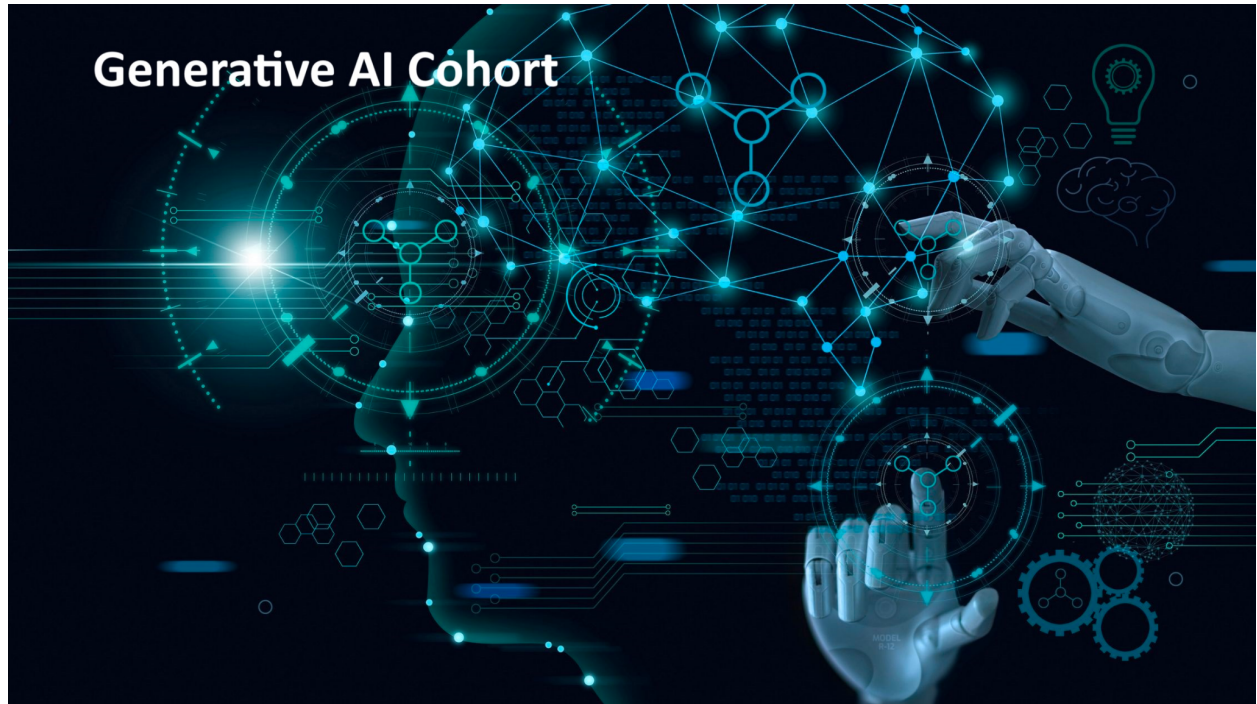


# Gen AI Cohort / Bootcamp

## Project based learning

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### **Week 1 / Day 1: Introduction to Generative AI**

In this session, you will learn the following:

- What is generative AI, how it works, Its common use cases and what this technology can and can't do?
  - How to think through the lifecycle of a generative AI project, from conception to launch, including how to build effective prompts.
  - The potential opportunities and risks that generative AI technologies present to individuals, businesses, and society.
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## **Week 1 / Day 2: Prompt Engineering**

In this module, you will learn to use ChatGPT API to build basic applications in Python and understand how to use LLMs more effectively with prompt engineering techniques.

## **Week 2, Week 3 & Week 4**

### **Project: Chatbot (Salesman Assistant supported by AI)**

The key learning objectives of this project are as follows:

- Understanding the multi-stage architecture behind the fully functioning chatbot system
- Learning how to integrate the ChatCompletion and Completion APIs to provide a natural and contextually relevant conversation
- Creating Rule-based Python functions to enhance the LLM's ability to provide accurate and relevant information to users
- Build an end-to-end chatbot solution that seamlessly interacts with users, understands their needs and delivers accurate and relevant recommendations
- Learn the best practices to use OpenAI APIs.

### **Programming Language and Tools Covered**



**Minimum Eligibility:** Basic Python Programming Proficiency

Google Colab: <https://www.youtube.com/watch?v=inN8seMm7UI>