

9.276 | June IAP 2024

# AI GENERATIVE AUTOMATION

6 Month's Programme  
6 Month's Internship

Generative automation refers to the use of artificial intelligence (AI) and machine learning (ML) technologies to automatically generate content, designs, or solutions based on a set of inputs or data. This type of automation leverages advanced algorithms to create new and innovative outputs without explicit human intervention in the creative process.





Human Intelligence Meets Artificial Learning Intelligence  
Welcome to AiML Campus School of Machine Learning, where innovation meets education!  
Our one-year



Specialization program offers a unique blend of comprehensive learning and practical experience, tailored for highly motivated individuals with a passion for Machine Learning.

**Affiliated And Member:**



**Supported By**  
Stanford University  
Human Centered  
Artificial Intelligence



**Member**  
AiML Campus's  
Commitment to  
Technical Excellence  
through AICTSD  
Recognition



**Affiliated**  
Michigan Association for  
Computer Users in  
Learning (MACUL)  
partnered by AiML Campus

**MUMBAI**

First International Financial  
Level 1 & 3A, First International Financial  
Centre, Plot Nos. C-54 & C-55 G Block Road,  
Bandra Kurla Complex, Bandra East, Mumbai,  
Maharashtra 400051, India

**BANGALORE**

Helios Business Park  
Level 6, Tower E & Level 10, Tower C, Helios  
Business Park Wing C, No. 150 Outer Ring Road,  
Kadubeesanahalli, Bangalore, Karnataka 560103,  
India

# OUR CORE TOPICS IN AI GENERATIVE AUTOMATION

## MUMBAI

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1

## Prompt Engineering for ChatGPT

Motivating Example: Building a Meal Plan with a Fusion of Food from Ethiopia and Uzbekistan that is Keto, Overview of the Course, Motivating Example: Act as a Speech Pathologist, Setting Up an Account and Using ChatGPT, What are Large Language Models? Randomness in Output

2

## Understanding Prompts

What is a Prompt? Intuition Behind Prompts, Everyone Can Program with Prompts, Prompt Patterns, The Persona Pattern, Introducing New Information to the Large Language Model, Prompt Size Limitations, Prompts are a Tool for Repeated Use, Root Prompts, Question Refinement Pattern, Cognitive Verifier Pattern, Audience Persona Pattern, Flipped Interaction Pattern.

3

## Classification Few-shot Learning and Prompting Techniques

Few-shot Examples, Few-shot Examples for Actions, Few-Shot Examples with Intermediate Steps, Writing Effective Few-Shot Examples, Chain of Thought Prompting, ReAct Prompting, Using Large Language Models to Grade Each Other.

4

## AI Use Cases and Applications

Introduction, Generative AI is Not a Source of Facts, Make Sure Checking if the Answer is Correct is Easy, Avoid Hard to Check Answers, Look for Problems Where Partial Answers Provide Value, Think About Risk, Does the Use Benefit You as a Human?

5

## Practical Applications and Case Studies

ACHIEVE, Filtering, Ideation, Navigation, Expertise, Expertise refers to deep knowledge and proficiency in a particular subject or skill area. This topic may explore how expertise is developed, maintained, and transferred, covering aspects such as deliberate practice.

6

## Advanced Techniques and Specialization

In this comprehensive exploration of workplace productivity enhancements and innovative AI-driven strategies, the journey begins with an Introduction, setting the stage for the transformative topics to follow. Delving into Radical Workplace Productivity with Vision, the discourse navigates revolutionary approaches and visionary methodologies reshaping modern work dynamics.