



Advanced AI Productivity

Program Overview

Since the release of ChatGPT in November 2022, Generative AI (GenAI) has taken the world by storm, transforming both corporate and individual work processes and offering the promise of increased productivity, efficiency and quality. Estimates suggest that by 2026, over 80% of organizations worldwide will be using GenAI across a range of functions and tasks. Considering the explosive growth and rapid adoption, there is a critical need for organizational leaders and individual knowledge workers to gain knowledge and skills about how best to incorporate a variety of available tools into their workflows and how to effectively leverage their powerful capabilities. Widespread concerns about data privacy, safety, and security must be addressed when these tools are used for personal productivity and organizational work.

This 3-day program is designed to help executives and knowledge workers understand the core foundations of GenAI, its evolution, and how it can be utilized for personal and corporate applications. In addition to engaging in extensive hands-on activity ranging from basic to advanced use of these tools, participants will learn about industry use-cases and applications that have demonstrated value and return on investment. The risks associated with the use of GenAI together with mitigation strategies and guardrails will be presented. Finally, participants will learn about the new frontier in AI: agentic AI. Hands-on understanding of how AI agents are developed will be provided, together with industry examples of applications of GenAI.

Leveraging AI for Business Success is a prerequisite for this course.

Program Agenda

DAY ONE: RITU AGARWAL, PHD	9 a.m. - Noon Understanding the GenAI landscape and its impact on work
	1-4 p.m. GenAI in practice: Scenarios, tools, and cautions
DAY TWO: GORDON GAO, PHD	9 a.m. - Noon GenAI for office productivity
	1-4 p.m. GenAI for data science and vibe coding
DAY THREE: Minghong Xu, PHD & Harang Ju, PHD	9 a.m. - Noon Designing agentic AI
	1-4 p.m. Leveraging agentic AI in workflows