AI CERTs™

AI+ Foundation™

Certification

Module No	Video/Reference Link	Description
Module 1	Artificial intelligence in information systems research: A systematic literature review and research agenda - ScienceDirect	This article provides a systematic literature review on artificial intelligence (AI) and machine learning (ML), highlighting key trends, challenges, and proposing a research agenda for future advancements.
	What is AI (artificial intelligence)? | McKinsey	This Article provide insights into artificial intelligence's definition, types, applications, and its transformative impact on various industries.
	(PDF) Introduction to Artificial Intelligence	This article explores how artificial intelligence, machine learning, and deep learning are transforming drug development and healthcare systems, driving innovation and improving patient care.
	How artificial intelligence is transforming the world	In this paper, we discuss novel applications in finance, national security, health care, criminal justice, transportation, and smart cities, and address issues such as data access problems, algorithmic bias, AI ethics and transparency, and legal liability for AI decisions.
	What Is Artificial Intelligence (AI)? | IBM	It talks about Artificial intelligence (AI) is technology that enables computers and machines to simulate human learning, comprehension, problem solving, decision making, creativity and autonomy
	Introduction to AI and Its Uses in Educational Settings - YouTube	To kick off the AI + Education Learning Community Series, this talk will provide a high-level introduction on artificial intelligence (AI) for the audience. Sample topics include some of the most fundamental concepts and principles behind those fancy AI (and machine learning) terminologies, including deep neural networks and ChatGPT.
Module 2	AI literacy and its implications for prompt engineering strategies - ScienceDirect	the current study addresses this issue and specifically considers the relationship between non-experts' AI literacy and their prompt-engineering skills. As of now, most research on prompt engineering has been conducted from a technology-centric viewpoint

	[Prompt Engineering for AI Guide | Google Cloud](#)	This burgeoning field focuses on crafting effective prompts that unlock the capabilities of LLMs, enabling them to understand intent, follow instructions, and generate desired outputs. As we increasingly interact with AI in various applications, prompt engineering plays a vital role in ensuring accurate, relevant, and safe interactions.

	[Prompt Engineering the PERFECT Research Paper with AI - YouTube](#)	Discover the secrets to crafting the perfect research paper with the power of AI! Let's dive into the critical role of prompt engineering and how it can enhance and improve your ability to communicate and hone your message through this video
	[AI-Powered Research and Prompt Engineering](#)	Throughout this video we will delve into the myriad applications of AI in research, uncovering its role in data analysis, pattern recognition, and natural language processing (NLP). Furthermore, we will demystify the complex terrain of predictive modeling and simulation powered by AI, shedding light on its pivotal role in hypothesis testing and navigating intricate research scenarios.
	[Full article: Prompting AI Art: An Investigation into the Creative Skill of Prompt Engineering](#)	This article investigates prompt engineering as a novel creative skill for creating AI art with text-to-image generation. In three consecutive studies, we explore whether crowdsourced participants can (1) discern prompt quality, (2) write prompts, and (3) refine prompts
	[Prompt Engineering: Enhancing AI Interactions](#)	AI experts guide you with proven techniques and strategies. Leverage their expertise to craft effective prompts that unlock the full potential of AI Services for your unique needs.

Module 3	[AI applications in business: Trends and insights using bibliometric analysis - ScienceDirect](#)	This analysis provides a comprehensive overview shedding light on the dynamic landscape of AI and its intersection with business.
	[(PDF) Rise of Artificial Intelligence in Business and Industry](#)	This review focuses on the application of AI techniques in business and different industries.
	[Artificial Intelligence in Business: From Research and Innovation to Market Deployment - ScienceDirect](#)	This article discusses how Artificial Intelligence, Machine Learning, and Deep Learning are driving the Fourth Industrial Revolution, enhancing Business Analytics and Business Intelligence across industries

AI+ Foundation™ Resources and References

	Webinar: Getting Payback From Generative AI	this video combines cutting-edge research and insights with real-world, practical steps for implementing GenAI across your organization.
	AI in Business Applications | From A Business Professor	Today, we're exploring a topic that's reshaping the way companies operate and compete globally: Artificial Intelligence in Business. You've probably heard about AI being used in industries like technology, healthcare, and finance, but how does it work in a business context? Why is it so transformative, what are its major applications and are there some real-world examples.

Module 4	Ethical and Bias Considerations in Artificial Intelligence/Machine Learning - ScienceDirect	This article examines the role of artificial intelligence and machine learning in computational pathology, addressing bias, ethical concerns, and their impact on pathology practices.
	Ethics and Bias in Artificial Intelligence	Through this paper Discover how ethics and bias play a major role in artificial intelligence
	(PDF) Artificial Intelligence and Ethics: A Comprehensive Review of Bias Mitigation, Transparency, and Accountability in AI Systems	This article focuses on bias mitigation, transparency, and accountability in artificial intelligence, exploring the ethical implications and ensuring responsible AI development and deployment.
	Artificial Intelligence AI Ethics and Bias Mitigation, February 23, 2021	This video explores bias mitigation, transparency, and accountability in artificial intelligence, emphasizing the ethical considerations and the importance of responsible AI development and deployment
	The Ethics of AI & Machine Learning [Full Course]	In this video, you will learn about the foundations of AI, its applications, and the ethical considerations that shape this transformative field.

Module 5	The impact of artificial intelligence on employment: the role of virtual agglomeration | Humanities and Social Sciences Communications	This article explores the impact of artificial intelligence on employment, focusing on the role of virtual agglomeration in reshaping workforce dynamics and opportunities

	AI and the Future of Work: Opportunity or Threat?	This article examines the impact of artificial intelligence on employment, highlighting how virtual agglomeration is transforming workforce dynamics and creating new opportunities.
	Is AI really taking our jobs? The future of work explained I LSE Research	Will artificial intelligence and automation cause huge unemployment? Is the tech revolution going to deliver on its promises of transformational change to workplaces, the economy and beyond?
	The Future Of Ai Careers: What Jobs Will Be Available? | Victor Antonio	AI is reshaping the job market by creating new opportunities and demanding advanced skills, while also presenting challenges related to infrastructure and potential job displacement

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