ReadyBell
Software Services Pvt. Ltd.

Course Name	**BUILD NEXT-GENERATION AI SOLUTIONS WITH GENERATIVE AI GENERATIVE AI AND PROMPT ENGINEERING**
About the Course	This advanced Programme in Generative AI and Prompt Engineering is an intensive AI course that equips you with the knowledge and tools to build and deploy cutting-edge Generative AI solutions for real-world language and vision AI tasks. Master in selecting and deploying appropriate Generative AI tools and industry-standard LLMOps (Large Language Model Operations) methodologies
Key Skills You Will Learn	A comprehensive curriculum that deep dives from foundational AI/ML to advanced prompt engineering, building a solid grasp of Generative AI concepts and applications.
Course Pre-Requisite	Coding Experience: Programming Knowledge Required preferably in Python and Linear Algebra, Basic Statistics and Maths
Target Audience	Exclusively Designed for Corporates for AI/Gen AI Adoption AI/Data Science practitioners seeking to build expertise in Generative AI Tech Tech Leaders looking forward to adopting Generative AI in their workflow Tech professionals aspiring to upgrade to Generative AI and Prompt Engineering roles
Job prospects with this role	Software Engineer - Gen AI, AI Prompt Engineer, ML Engineer - LLMs & Gen AI, Engineer - Gen AI, AI Architect, ML/NLP Engineer
Course Duration	~ 96 Hrs (8 Hrs a week total ~ 12 Weeks) including assignments & Gen AI Capstone Project
Certification	READYBELL Generative AI and Prompt Engineering Certificate
Mode of Training	Instructor-led 100% Online or Online + Classroom (Salt Lake, Kolkata - India) hybrid mode (as suitable for the learner)
Course Fees	INR 69,900/- + Taxes
Refund Policy	Get a 3-Days free trial during which you can cancel at no penalty. After that, we don't give refunds
Job Assistance	Mock Interviews (pertaining to the course) from Industry Leaders, Job leads with extensive interactions with Industry Leaders working in the course relevant field, Job Guidance, Techniques of resume preparation, Networking,
Contact	**READYBELL SOFTWARE SERVICES PVT. LIMITED** **AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091** **E-MAIL: info@readybellsoftware.com** **PH: +91 - 9674552097, +91 - 33-79642872** ReadyBell Software Services Pvt. Ltd.

CURRICULUM		
Topic	**Sub-Topic**	**Duration (Hrs)**
Overview of Classic Machine Learning and Artificial Intelligence	The AI/ML Process and Workflow - How to solve a problem using data and algorithms	72 Hrs
	Data Types and State-of-the-Art Models	
	Tabular Data - Gradient Boosted Models	
	Image Data - Convolutional Neural Networks	
	Sequential and Time Series Data - Recurrent Neural Networks	
	Text and Speech Data - Transformers	
	Generative AI- GPT class of Models for Text, Diffusion for Images/Video	
	Difference between Gen AI and other types of AI, advantages, and disadvantages of Gen AI technologies	
	Quiz/Project	
Building Generative AI Applications: From Concept to Implementation	Exercises to identify GenAI Use Cases in Diverse Domains	
	LLM Guardrails	
	Responsible AI in Generative Applications	
	Low Code No Code ML/AI Platforms	
	Basic Prompting to Build AI Applications	
	Quiz/Project	
Generative Text and Speech Models	Tokenization Fundamentals and Byte Pair Encoding	
	How does the GPT class of models Generate Text?	
	Training GPT Models	
	Speech Models	
	Interacting with Trained Models	
	Quiz/Project	
Generative Image Models	Stable Diffusion Fundamentals	
	Image and Video Generation	
	Tools for Generating Images	
	Quiz/Project	
Advanced Prompt Engineering	Vector Data Base	
	LangChain with RAG and LLM Agents	
	Advanced Prompting Strategies (e.g., CoT, ReAct, DSP)	
	Quiz/Project	
LLMOps with LangChain and Llamaindex	LLMOps – Tools, Platforms (incl, but not limited to LangChain, OpenAI API)	
	AWS Sage Maker, Kendra	
	Cloud Computing Tools - AWS ML Tools, Google Cloud, IBM Watson	
	Quiz/Project	
Capstone Project	Gen AI Capstone Project	24 Hrs

To register for this course please go to our website - *www.readybellsoftware.com* - "Register" Section