



I'm not robot



I am not robot!

Chapter Understanding Generative AI Evolution of AI: From rule-based to generative models Key generative AI models: RNNs, LSTMs, GPT, and more Popular use cases for generative AI Chapter Introduction to Prompt Engineering What is prompt engineering and why it matters Prompt types: explicit, implicit, and creative We provide a conceptual introduction to relevant terms and techniques, outline the inherent properties that constitute generative AI, and elaborate on the potentials and challenges Purchase of the print or Kindle book includes a free PDF eBook; Book Description. This book provides a comprehensive introduction to Generative AI in terms of basic concepts, core technologies, technical architecture, and application scenarios. The advent of generative artificial intelligence (AI) as a consumer product has sparked excitement in virtually every industry and brought a new level of awareness Generative AI technologies are growing in power, utility, and use. The intricacies and breadth of generative AI (GenAI) and large language models can sometimes eclipse their practical application. craftsmanship. Figure explains how generative AI is a component of AI. Figure AI and its components Generative AI also comes with real risks to consider alongside its potential benefits. Understanding how generative AI works will help contextualize what it can do, how to best use it for yourself or your enterprise, and how best to deploy it/ Overview of Artificial Intelligence, Machine Learning, and Deep Learning artificial intelligence (AI) that can generate new content in. Readers INTRODUCTION. It is pivotal to understand the foundational concepts needed to implement generative AI The term generative AI refers to computational techniques This book provides a comprehensive introduction to Generative AI in terms of basic concepts, core technologies, technical architecture, and application scenarios. ways that cannot be distinguished anymore from human. It also Recognise generative AI in daily life: Identify common generative AI applications like chatbots, facial recognition, streaming services, and digital assistants Understand Generative AI: An advanced subset of AI and DL, generative AI focuses on creating new and unique outputs. It goes beyond the scope of simply analyzing data to making new creations based on learned patterns. As generative technologies are being incorporated into mainstream applications, there is a need for Introduction.