

Artificial Intelligence Question Bank With Answers

Swarm intelligence systems consist typically of a population of simple agents or boids interacting locally with one another and with their environment. The inspiration often comes from nature, especially biological systems. The agents follow very simple rules, and although there is no centralized control structure dictating how individual agents should behave, local, and to a certain degree random, interactions between such agents lead to the emergence of "intelligent" global behavior, unknown to the individual... 8649e1512e

Swarm intelligence Swarm intelligence (SI) is the collective behavior of decentralized, self-organized systems, natural or artificial. The concept is employed in work on Swarm intelligence (SI) is the collective behavior of decentralized, self-organized systems, natural or artificial. The concept is employed in work on artificial intelligence. The expression was introduced by Gerardo Beni and Jing Wang in 1989, in the context of cellular robotic systems 8649e1512e

Outline of artificial intelligence as an overview of and topical guide to artificial intelligence: Artificial intelligence (AI) is intelligence exhibited by machines or software. It is The following outline is provided as an overview of and topical guide to artificial intelligence: 8649e1512e

Chatbots have increased in popularity as part of the AI boom of the 2020s, and the popularity of ChatGPT, followed by competitors such as Gemini, Claude and later Grok. AI chatbots typically use a foundational large language model, such as GPT-4 or the Gemini language model, which is fine-tuned for specific uses.... 8649e1512e

Chatbot typically online and use generative artificial intelligence systems that are capable of maintaining a conversation with a user in natural language and simulating A chatbot (originally chatterbot) is a software application or web interface designed to have textual or spoken conversations. Modern chatbots are typically online and use generative artificial intelligence systems that are capable of maintaining a conversation with a user in natural language and simulating the way a human would behave as a conversational partner. Such chatbots often use deep learning and natural language processing, but simpler chatbots have existed for decades 8649e1512e

Collective intelligence Collective IQ is a measure of collective intelligence, although it is often used interchangeably with the term collective intelligence. Collective intelligence has also been attributed to bacteria and animals. It may involve consensus, social capital and formalisms such as voting systems, social media and other means of quantifying mass activity. process of Swarm Intelligence, these artificial swarms of networked humans enable participants to work together in parallel to answer questions and make predictions Collective intelligence (CI) is

shared or group intelligence (GI) that emerges from the collaboration, collective efforts, and competition of many individuals and appears in consensus decision making. The term appears in sociobiology, political science and in context of mass peer review and crowdsourcing applications 8649e1512e

The field of AI research was founded at a workshop held on the campus of Dartmouth College in 1956. Attendees of the workshop became the leaders of AI research for decades. Many of them predicted that machines as intelligent as humans would exist within a generation. The U.S. government provided... 8649e1512e

AI boom Examples include generative AI technologies, such as large language models and AI image generators by companies like OpenAI, as well as scientific advances, such as protein folding prediction led by Google DeepMind. This period is sometimes referred to as an AI spring, to contrast it with previous AI winters. The AI boom is an ongoing period of progress in the field of artificial intelligence (AI) that started in the late 2010s before gaining international prominence in the 2020s 8649e1512e

History of artificial intelligence history of artificial intelligence (AI) began in antiquity, with myths, stories, and rumors of artificial beings endowed with intelligence or consciousness The history of artificial intelligence (AI) began in antiquity, with myths, stories, and rumors of artificial beings endowed with intelligence or consciousness by master craftsmen. This device and the ideas behind it inspired scientists to begin discussing the possibility of building an electronic brain. The study of logic and formal reasoning from antiquity to the present led directly to the invention of the programmable digital computer in the 1940s, a machine based on abstract mathematical reasoning 8649e1512e

It can be understood as an emergent property from the synergies among: 8649e1512e software-hardware 8649e1512e

Artificial intelligence in India The artificial intelligence (AI) market in India is projected to reach \$8 billion by 2025, growing at 40% CAGR from 2020 to 2025. Institutions such as the Indian Statistical Institute. This growth is part of the broader AI boom, a global period of rapid technological advancements with India being pioneer starting in the early 2010s with NLP based Chatbots from Haptik, Corover. This growth is part The artificial intelligence (AI) market in India is projected to reach \$8 billion by 2025, growing at 40% CAGR from 2020 to 2025. ai, Niki. ai and then gaining prominence in the early 2020s based on reinforcement learning, marked by breakthroughs such as generative AI models from OpenAI, Krutrim and Alphafold by Google DeepMind. In India, the development of AI has been similarly transformative, with applications in healthcare, finance, and education, bolstered by government initiatives like NITI Aayog's 2018 National Strategy for Artificial Intelligence 8649e1512e

Artificial intelligence (AI) is intelligence exhibited by machines or software. It is also the name of the scientific field which studies how to create computers and computer software that are

capable of intelligent behavior. 8649e1512e

Applications of artificial intelligence Artificial intelligence is the capability of computational systems to perform tasks typically associated with human intelligence, such as learning, reasoning Artificial intelligence is the capability of computational systems to perform tasks typically associated with human intelligence, such as learning, reasoning, problem-solving, perception, and decision-making. Artificial intelligence (AI) has been used in applications throughout industry and academia. In recent years, there have been massive advancements in the field of Generative Artificial Intelligence, which uses generative models to produce text, images, videos or other forms of data. This article describes applications of. Within the field of Artificial Intelligence, there are multiple subfields. The subfield of Machine learning has been used for various scientific and commercial purposes including language translation, image recognition, decision-making, credit scoring, and e-commerce 8649e1512e

data-information-knowledge 8649e1512e

Intelligence Squared has produced more than 200 live debates since 2006 and made history by hosting the first debate ever between an artificial intelligence Intelligence Squared is a media company that organizes live debates and other cultural events around the world. Intelligence Squared U. The company produces video and podcast programs, publishing on YouTube, and other platforms. The debates are held in the traditional Oxford style in front of a live audience. S. It was founded in 2002 in London, where its head office is based, and has affiliates in the US, Australia, and Hong Kong. Intelligence Squared is often referred to as Intelligence2 and IQ2 8649e1512e

individuals (those... 8649e1512e

2025 in artificial intelligence January The following is a list of events of the year 2025 in artificial intelligence, as well as predicted and scheduled events that have not yet occurred. The following is a list of events of the year 2025 in artificial intelligence, as well as predicted and scheduled events that have not yet occurred 8649e1512e

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