All New Trends
In AI Explained

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1. **ANI (Artificial Narrow Intelligence):** AI systems designed for specific tasks or domains, lacking general cognitive abilities.
2. **AGI (Artificial General Intelligence):** Hypothetical AI with human-like cognitive abilities across various domains.
3. **ASI (Artificial Superintelligence):** AI surpassing human intelligence, capable of solving complex problems beyond human capacity.
4. **LLMs (Large Language Models):** Advanced AI models like GPT-3, designed for natural language understanding and generation tasks.
5. **Gen AI (Generative AI):** AI systems capable of generating new content, such as images, text, or music.
6. **GANs (Generative Adversarial Networks):** AI models consisting of two networks (generator and discriminator) trained adversarially to generate realistic data.
7. **Deepfakes:** AI-generated media, often used for creating fake videos or images by superimposing one person's face onto another.
8. **GPT (Generative Pre-trained Transformer):** Family of AI models like GPT-3, known for their transformer architecture and natural language processing capabilities.
9. **Transfer Learning:** Technique where knowledge from one AI task or domain is transferred to another, enhancing learning efficiency.
10. **Quantum AI:** Integration of quantum computing principles into AI algorithms, promising exponential speedups for certain computations.
11. **AI Governance:** Policies and frameworks to regulate AI development, deployment, and ethical considerations.
12. **AI Bias:** Systematic errors or unfairness in AI models, often due to biased training data or algorithmic design.
13. **Explainable AI (XAI):** AI models designed to provide transparent explanations for their decisions and actions, enhancing trust and understanding.
14. **Edge AI:** AI computations performed locally on devices rather than on centralized servers, reducing latency and enhancing privacy.
15. **AutoML (Automated Machine Learning):** Tools and techniques that automate the process of designing, training, and deploying machine learning models.