

Key Milestones in Generative AI Breakthrough

Question:

You've learned about several major milestones in the evolution of generative AI, leading to the amazing AI-powered consumer products you see today.

Which of the following are important milestones in the Generative AI breakthrough?

Correct Answers:

1. **The accumulation of large amounts of data** (Press 1)
2. **The advent of cloud computing** (Press 2)
3. **Market competition** (Press 3)
4. **Development of new model architectures** (Press 4)

Explanation:

1. **The accumulation of large amounts of data:**

- Generative AI models require vast amounts of data to learn and improve their predictions and outputs. The availability of extensive datasets has been a critical factor in enabling breakthroughs.

2. **The advent of cloud computing:**

- Cloud computing has provided scalable and cost-effective computational power, which is essential for training large and complex generative AI models.

3. **Market competition:**

- Competitive forces drive companies to innovate faster, improve model performance, and deploy generative AI applications in real-world use cases. Market competition has accelerated advancements in AI technology.

4. **Development of new model architectures:**

- Advances in architectures, such as transformers and GANs (Generative Adversarial Networks), have significantly improved generative AI's ability to generate high-quality outputs in text, images, and beyond.