

Artificial Intelligence data bank

November 22, 2024 • vajiramandravi.com

About Artificial Intelligence data bank:

- It is aimed at **propelling innovation and boosting** the country's national security.
- The initiative will provide **researchers, startups, and developers** access to high-quality, diverse datasets essential for creating scalable and inclusive AI solutions.
- It was launched by the Minister of Science and Technology at the 7th Edition of the ASSOCHAM AI Leadership Meet 2024.
- It will enhance "national security through real-time analytics of satellite, drone, and IoT data".
- It also aligns with the country's goal to utilise **AI for predictive analytics** in disaster management and cybersecurity.

What is Artificial Intelligence?

- It is a **field of science** concerned with building computers and machines that can reason, learn, and act in such a way that would normally require human intelligence.
- AI is a broad field that **encompasses many different disciplines**, including computer science, data analytics and statistics, hardware and software engineering, linguistics, neuroscience, and even philosophy and psychology.

Q1: What is Machine learning?

Machine learning is an essential branch of artificial intelligence that employs data and algorithms to mimic human learning processes, gradually enhancing its accuracy. It is a cornerstone of the emerging field of data science. It involves training algorithms to find patterns in data, which enables them to make predictions or perform tasks without being explicitly programmed.

News: India's 1st AI Data Bank To Boost National Security Launched

Source: <https://vajiramandravi.com/current-affairs/artificial-intelligence-data-bank/>

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