

LEADERSHIP | From Digital Ambition to AI: UP's Bold Leap

Uttar Pradesh to Host India's Biggest AI Data Center

UP State Bureau

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Uttar Pradesh is set to take a historic leap in the digital and technology sector with the establishment of India's largest Artificial Intelligence (AI) data center. The mega project will be developed by the AM Green Group, which has committed an investment of nearly 2.25 lakh crore, making it one of the biggest technology investments ever made in the country. According to the plan, the AI data center will be set up in the Greater Noida region, emerging as a high-capacity hub for advanced computing, artificial intelligence applications and big data processing. With a proposed capacity of around 1 gigawatt, the facility will support global-scale AI workloads and high-performance computing requirements.

The project will be developed in a phased manner. The initial phase is expected to become operational by 2028,



while full capacity is targeted by 2030. Once completed, the data center will house nearly five lakh advanced AI chips, enabling large-scale data analytics, cloud services and next-generation digital solutions.

A key highlight of the project is its strong focus on green and sustainable energy. The data center will operate on round-the-clock renewable power, including solar and wind energy, aligning with India's vision of a carbon-neutral digital economy. This approach is expected to set new benchmarks for environmentally responsible tech infrastructure.

“₹2.25 Lakh Crore Investment Puts Uttar Pradesh on Global AI Map”

The investment is also projected to create thousands of direct and indirect jobs, especially for highly skilled professionals in areas such as AI engineering, data science, hardware manufacturing, cooling technology and renewable energy management. In addition, it is likely to attract global technology companies, startups and research institutions

to Uttar Pradesh.

Officials believe the project will significantly strengthen Uttar Pradesh's position as a preferred destination for future-ready digital infrastructure. It also supports the broader national goal of making India a global hub for artificial intelligence and advanced computing.

With this landmark initiative, Uttar Pradesh is poised to transform from a traditional industrial base into a global AI and data powerhouse, opening new avenues for innovation, investment and sustainable economic growth.