

India is surging ahead in data centre capacity in relation to cloud computing and payment services in Asia-Pacific region

S.S. Arsad

Dept. of Physics, Shri Shivaji Science College, Amravati, MS, India

Abstract

It is estimated that India is all set to increase its data storing capacity by 850 Megawatt during 2024-26. At present it has capacity of 950 Megawatt capacity.

India has taken a giant leap ahead of Japan, Singapore, Australia, Hong Kong, S. Korea except China. According to global real estate consultancy firm, CBRE's recent report, in next two years India can increase its data storage capacity to 1800 Megawatt a, leap by 850 watt .According to other research firm KR-Age, it is expected to be increase upto 2000 Megawatt or 2 Giga-watt by 2026.

Only India needs to regularise, refurbish, redistribute, reorganise its manpower and control its rapidly increasing unemployment in the sector relating to data sciences, Artificial intelligence cloud computing.

Keywords: Megawatt capacity, data storing capacity

Theory and introduction:

It is expected that more than 60% supply will be centralised at Mumbai and Chennai. CBRE accounts reveals that even cities like Kochi, Jaipur, Ahmedabad, Luck now, Patna, Vishakhapatnam are also in a race to become a big stock centres. As the expenses at these cities is less as compared to city like Mumbai and Chennai.

The data centre has large computing machines relating to hardware machinery for example, server, data storage drive, on which terra size or pita size data can be stored. The data is processed, stored, and kept safe. The business services and applications are based on data depends on data processing.

In 2023 India has storage capacity 16 million square feet. According to CBRE, during 2018-2023, there is 3.34 lakh crores direct investment.

According to CBRE, Singapore has recent capacity of data storage is 718 Megawatt, and is expected to increase upto 98 megawatt during 2024-2026.

According to CBRE, Hong Kong has recent capacity of data storage is 613 Megawatt, and is expected to increase upto 296 megawatt during 2024-2026.

According to CBRE, Korea has recent capacity of data storage is 531 Megawatt, and is expected to increase upto 495 megawatt during 2024-2026.

According to CBRE, Australia has recent capacity of data storage is 773 Megawatt, and is expected to increase upto 314 megawatt during 2024-2026.

According to CBRE, Japan has recent capacity of data storage is 892 Megawatt, and is expected to increase upto 407 megawatt during 2024-2026.

According to CBRE, India has recent capacity of data storage is 950 Megawatt, and is expected to increase upto 850 or more megawatt during 2024-2026.

This year itself India is expected to raise its capacity of data storage up to 1370 Megawatt. Still it is behind the capacity of data storage of China which is expected up to 3800 megawatt.

Result and Conclusion:

The total investment in data storage capacity is 3.34lakh crores in past 5 years in India shows the rapid progress of India in the field of data storage capacity, data storage processing, data transfer mechanism, data exchange programs between multinational companies of heavyweight nations like China, U.S. and of course India.

The India is attracting multinationals companies which wish to expand horizons of digital services and companies which wants to migrate from Asian nations due to short or inadequate supply systems.

In short, India is all set to become the champion in the field of data storage capacity and I hope the day is not very far that India is becoming number uno in the world.

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