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The fourth Industrial Revolution will be based on artificial intelligence which in turn depends on 'data'. What are the factors affecting the location of AI industry globally. Where does India stand in this context?

Ans.

Artificial Intelligence or machine learning refers to the ability of machines to acquire intelligence much in the same way as human does.

Fourth Industrial Revolution refers to the fusion of technologies that is blurring the lines between the physical, digital and biological spheres. Artificial Intelligence is a significant sphere of fourth Industrial Revolution.

This Revolution is all about 'data' or information to facilitate newer technologies like from self-driving cars and drones to virtual assistants and software.

The Revolution holds a great potential to raise global income levels and improve the quality of life.

As the Revolution depends excessively on

'data', its location of global industry depends on following features-

- The ecosystem and environment regarding data processing, storage and usage
- The role played by regulating authorities of the state
- The skilled population in data collection and processing
- People's perception and level of awareness regarding data
- The situation of India in global context of AI industry
- Lack of access to large data compilations,
- India one of countries raising voice for data localisation
- India's advantage of having English educated class of IT professionals.

Though just an emerging technology in India, Artificial Intelligence presents a alluring picture for AI firms to have a big market and gov. to use it in bettering the lives of common Indians.