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Explain the various areas related to AI which has the power to completely transform high-tech industry.

The artificial intelligence role of the pillars of Industry 4.0 has taken the high tech industries by a storm. The industry has various regions to flex its muscles.

Areas that can transform high tech industries

① Automation has the ability to increase the production with minimum human effort. The chip design and development can be tailor made and can become personalised with deeper adoption of automation.

② 5G The latest communication form can process billion information with reduced latency. It can help the firms serve wider geographical area at high speeds.

③ Drones the AI powered drones can be used by defence companies for anti surface

warfare. The recent killing of Al-Qaeda chief by an AI powered drone. to mention.

④ Cloud services storage tends to be increased to accommodate data generated by AI devices. The cloud services can aid in data storage which can be used by the firms.

### Indian initiatives

- ① CAIR - Centre for AI and Robotics was created by DRDO for use of AI in planning.
- ② MCA-3.0 used AI and machine learning to simplify regulatory filings.
- ③ Inclavi - central hub for AI related activities.

### Benefits for companies

It increases the performance at reduced cost such as inventory management, predictive analysis for companies in planning.

The AI technology provides multiple benefits. with cyber security infrastructures and data protection laws can lead to democratization of AI.