Q1 Explore the various areas related to Artificial Intelligence which has the power to completely transform the high-tech Industry.

Artificial Intelligence is a computer or a machines, robots which controlled by another computer, to do tasks. & it is designed with different types of algorithms.

Artificial Intelligence has the power to completely transform the high-tech Industry, because the high tech sector gain significantly from adopting AI

Companies wanted to adopt new

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technologies as customer demands, competition increase day by day or customer wanted to adopt innovative technologies.

The following technology which make AI a lucrative investment for high-tech.

i) As per, the 2022, AI Index - Report by Stanford, since 2018 the cost & time to train Machine learning tasks have improved, encouraging widespread adoption of AI.

2) Robotic arms – Median price of Robotic arms has decreased by 46% & making them more affordable.

3) Large Models → Large Machines model trained on enormous data are setting new records on technical benchmarks. These pre-trained models can do many things.

4) Rising adoption – 5G connected smart devices, & evolution in technology

5) ~~Tech~~ Growth in 5G enabled solution due to Increased demands for streaming

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content, gaming, & connected experience via the rise of metaverse

6) Shift to service / subscription business model to drive long-term value for customers.

other Benefits from AI

1) Immersive-reality technologies

2) product designs can re-imagined in high-tech manufacturing

3) shortening time to market

Reducing cost, & supporting rapid prototyping.

Artificial Intelligence has the capability to change or explorer ~~high~~ big-high-tech industries, or AI also reform other sectors like agriculture, health, education etc.