

Artificial Intelligence - The technology is revolutionizing industries across the world

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Abstracts

Artificial Intelligence - The technology is revolutionizing industries across the world

SUMMARY

There are many technologies and ideas throughout the world which are exciting in their potential but whose effects are mainly pipedreams that we never get to see in the flesh. However, in the world of tech there is currently a wave of industries that have real potential to change our world forever and they are likely to be realized within the next decade. These industries are inextricably linked and serve to augment the capabilities of each other, meaning that the rate of change is likely to snowball. From artificial intelligence, through to the space industry the rate of technological advancement in the last few years has been dramatic and this report examines and speculates on what is coming in the AI industry and what the results might be for companies and society alike.

KEY QUESTIONS ANSWERED

What is AI and how might it change our world?

What are the problems and challenges to be overcome with the technology?

Which industries are likely to be changed dramatically?

SCOPE

Examines the developing world of AI looking at where major breakthroughs are

happening.

Looks at the likely impact of this new technology and how the world might change.

Shows potential flaws with the technology and where some changes might be a step backwards.

REASONS TO BUY

As these words are typed, we are living in the middle of a technological revolution. The world around us has the true potential to be transformed by Artificial Intelligence (AI) – through the prospect of communicating, working and moving through our daily lives differently but perhaps more efficiently.

‘Machine Learning’ has experienced significant increases in investment over recent years – however, machine learning has been around for a lot longer than this. Machine learning is the process of the machines' computer systems adapting according to usage data over time, using complex algorithms to complement its decision making.

Examples of machine learning in use spread over many different industries, some, the least expected at times. Many prestigious trading firms for example, use proprietary systems to predict and execute trades at high speeds and high volume.

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Artificial Intelligence is revolutionizing industries across the world

AI is potentially useful for a wide range of industries

Investment in AI has been significant over recent years

Machine learning has received the most investment over recent years due to Big Data increasingly becoming a huge focal point for businesses

Machine learning is apparent in an array of industries

The healthcare industry is in transformation thanks to AI developments

Investment activity relating to Healthcare AI technologies continues to grow

Regulations may limit AI's potential in the near future

AI aims to save costs but instead will increase them for businesses

Although costs are associated with AI maintenance, soon AI will be doing the handling

Unemployment is a fear of the future, not so much right now

Teachers fear not as robots target other jobs instead

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