

Hello Everyone!

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amazon

The Amazon logo, featuring the word "amazon" in a bold, black, sans-serif font. Below the text is a thick, orange curved arrow that starts under the 'a' and points towards the 'n', resembling a smile.

What is Amazon?

Amazon is an American multinational technology company which focuses on e-commerce , cloud computing, digital streaming and artificial intelligence.

- One of the most influential economic and cultural forces in the world.
- One of the most valuable brands.

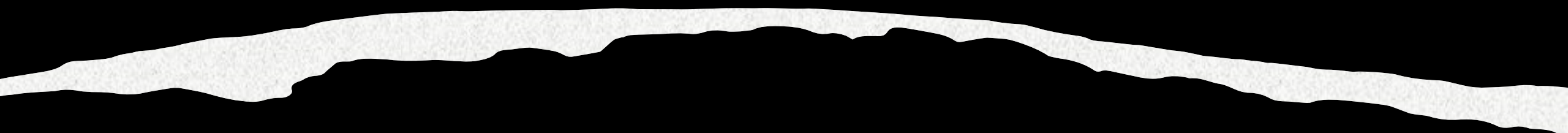
What exactly Amazon do?

Amazon is a vast Internet-based enterprise that sells :

- BOOKS
- MUSIC
- MOVIES
- HOUSEWARES
- ELECTRONICS
- TOYS



Amazon Robotics





After working on the business process team at Webvan, Mick Mountz concluded that the company's downfall was due to the inflexibility of existing material handling systems and the high cost of order.

These challenges inspired Mountz to create a method to pick, pack, and ship orders through a system that could deliver any item to any operator at any time.

Positive impact of robotics

- The robots- help in doing dangerous jobs, they can work at a constant speed without sleep, breaks, vacations, salaries and they can produce more than human workers.
- The intelligent robots help increase productivity in the factories, they made the businesses achieve more benefits, they can reduce the companies' loss, they are used in dangerously polluted environments
- The robots have more precise guidance in doing the tasks, they are linked to the powerful computers or controllers, they contain machine vision sub-systems acting as their visual sensors, so, they are more flexible to the orientation of objects that they can perform the tasks on them.

Negative Impact

- Need electricity- Robots require a lot of power to function

- Replaced humans at workplace

Robots have seen to steal the jobs in almost all major industries in the world. This leads to unemployment and poverty among people.

- High cost- Not just the upfront cost, but maintenance cost of robots is also very high. Robot cost heavily for manufacturing or buying it. Also, if they breakdown or requires a change in their programming technology, then it can prove to be very expensive and time consuming.

- Makes people dependent

Due to efficiency, accuracy, and fast execution of operations, organizations have become overly dependent on these machines.



Robots run Amazon's
warehouse?

References

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Thank You