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5.9 Management and information systems (HL)

Terminology exercise

Check that you understand the terminology used in this subtopic by dragging the correct word into each space.

A   information system is any system that is used for decision-making or for organising information. It involves information being collected in a structured, organised computer system known as a   . The data is then interpreted using a scientific process known as   . Many of these processes are automated.

The use of digital systems requires critical   . Large buildings – known as   – containing computers, servers and other hardware are needed to operate digital technologies. Many of these make use of   intelligence, where a computer, robot or other machine is controlled by a computer. This enables tasks that would normally be carried out by humans to be automated. These digital systems are becoming more and more sophisticated and, through machine learning, are able to complete more and more processes.

Through the use of interconnecting nodes known as artificial   , which replicate the human brain, businesses are able to

the human brain, businesses are able to apply machine learning or deep learning technologies. These make effective use of algorithms that can automate processes or help management to make effective decisions.

artificial   management

database   neural networks

data analysis   infrastructure

data centres

✓ Check   ›

Question: 1 of 2 questions

H-P ›