

Ap Csp Digital Information Flashcards PDF

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What is digital information?

Digital information is data that is stored in a format that can be processed by computers.

What are the characteristics of digital information?

The characteristics of digital information include accuracy, accessibility, and the ability to be easily manipulated and transmitted.

What is the difference between analog and digital information?

Analog information is continuous and can take on any value, while digital information is discrete and represented in binary format.

What is a byte?

A byte is a unit of digital information that consists of 8 bits.

What is the purpose of data compression?

The purpose of data compression is to reduce the size of a file or data stream to save storage space or transmission time.

What is a database?

A database is an organized collection of structured information or data, typically stored electronically in a computer system.

What is the role of a database management system (DBMS)?

A database management system (DBMS) is software that interacts with end users, applications, and the database itself to capture and analyze data.

What is cloud storage?

Cloud storage is a model of computer data storage in which the digital data is stored in logical pools, said to be on 'the cloud'.

What are the advantages of using cloud storage?

The advantages of using cloud storage include scalability, accessibility, and reduced costs for hardware and maintenance.

What is cybersecurity?

Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks.