

ALL ABOUT INFORMATION SYSTEM

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AGENDA

DATA AND INFORMATION

INFORMATION SYSTEM

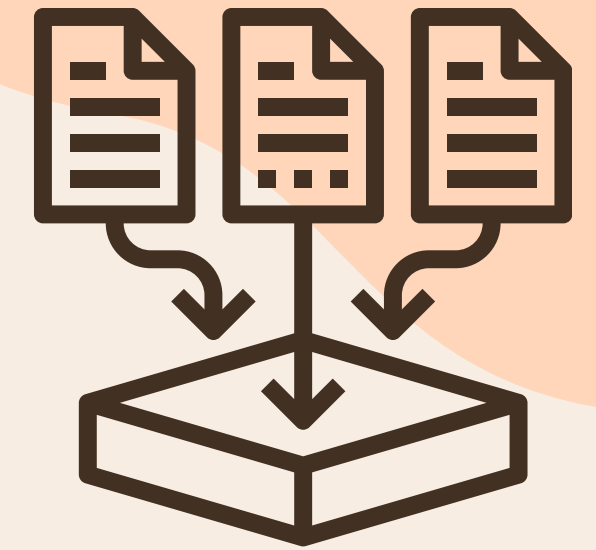
**DIFFERENT TYPES OF SUPPORT SYSTEMS IN
INFORMATION SYSTEMS**





WHAT IS DATA?

Data, a collection of numbers, language, measurements, and observations, is a crucial element in computers, often stored electronically as files or databases, and is crucial for their processing and manipulation.



WHY DATA IS IMPORTANT?

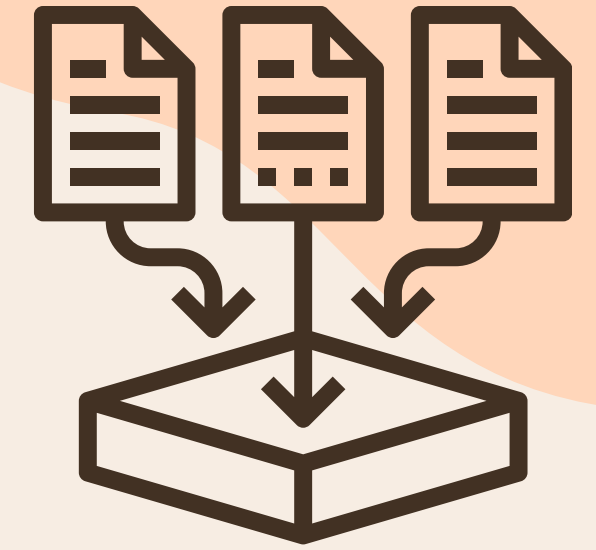
Data, a combination of facts and statistics, is essential for understanding and predicting future events, enhancing business operations, understanding customer behavior, and making informed decisions about medical care and financial assets.





WHAT IS INFORMATION?

Information is structured data processed and organized, providing context and enabling decision-making. It informs decisions, strategies, and actions, making raw data valuable and accessible, making it an integral part of decision-making.



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WHAT IS AN INFORMATION SYSTEM?

Information systems are formal organizational structures that collect, process, store, and distribute information, integrating task, people, structure, and technology to provide knowledge and digital products.

Herman Hollerith's census tabulator was the first large-scale mechanical information system, marking a significant step in automation and inspiring computerized systems. Since then, information system infrastructure has improved, with accounting management issues being the first to be addressed in the 1960s.

HISTORY OF INFORMATION SYSTEM



DIFFERENT TYPES OF INFORMATION SYSTEM

1ST

EXECUTE INFORMATION SYSTEM

A strategic-level information system (EIS) is a flexible tool used by executives and senior managers to analyze the organization's environment, detect long-term trends, and plan responses, primarily used at senior management levels.

2ND

DECISION SUPPORT SYSTEM

A Decision Support System (DSS) is a knowledge-based technology used by senior management to generate and integrate knowledge within an organization, enabling access to databases, analytical tools, and "what if" simulations for effective decision-making.

3RD

MANAGEMENT INFORMATION SYSTEM

Management Information Systems (MIS) are management-level systems used by middle managers to ensure smooth organization operations. They provide organized information, enable decision-making, and are inflexible, focusing on past and present performance.

4TH

TRANSACTION PROCESSING SYSTEM

This low-level operational system, run by shop floor workers, provides vital data for operations management, generating information for other systems and focusing on efficiency across internal and external boundaries.



Thank You!

