

Information System:—

Information system are classified by organizational level, mode of data processing, system objectives and by the types of support provided following are the types of information system.

Types of information system

There are four types of information systems.

1 → Transaction Processing systems

2 → Management information systems

3 → Decision support systems

4 → Expert systems.

Classification of information systems.

1 → Transaction processing systems (TPS)

TPS are information systems that process data resulting from the occurrence of business transaction.

2- Management Information System.
MIS are designed to take the relatively raw data available through a TPS and convert them into a summarised and aggregate form for managers usually in a report format.

3- Decision Support Systems —
DSS is an interactive information system and data manipulation tools to help in making decision in semi structured and unstructured situations.

4- Expert System —

Expert system include expertise in order to aid managers in diagnosing problem or in problem solving.

These system are based on principles of artificial intelligence research.

Difference between information system & Information Assurance

Information System IS	Information Assurance IA
1 → Software & hardware system with data intensive support application is called as information system	The study of how to protect your information assets from destruction, degradation, manipulation and exploitation is called IA.
2 → Strategy is less focused	strategy is more focused
3 → In IS data is raw	In IA data is processed