

## Practical : 02

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Aim :- To study Data Flow Diagrams.

Theory :-

A Data Flow Diagram is a traditional Visual representation of the Information Flows within a System. It shows how data enters and leaves the system, what changes the information and where data is stored.

The Objective of a DFD is to show the scope and boundaries of a System as a whole. It may be used as a communication tool between a system analyst and any person who plays a part in the order that acts as a starting point for redesigning a system. The DFD is also called as a data Flow graph or bubble chart.

• Data Flow diagram process.

• The data Flow diagram process comprises four main components.

1) External Entities - Outside bodies or Systems that either feed or receive the information being passed within the diagrammed process.

2) process :- A series of steps that makes up a procedure that transforms inputs or information e.g. through computations, logic, or changing its direction as it flows through the system.