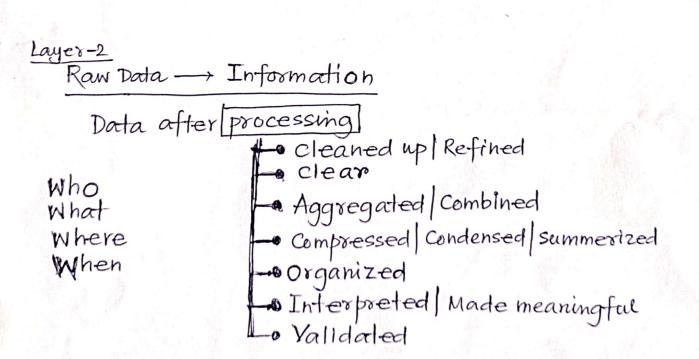


Knowledge

WISdo

# Raw Data

- · Raw fact, figures, symbols etc.
- · Unorganized form
- · Available by observation, experience
- · Without context
- · Foundation of all layers
- · Raw materials of information



#### Layer-3

## Information ---- knowledge

- · Analysis · Connected pieces of Information

HOW Why

- · context Application generation
- · Giving shape to something
- · Relationship among pieces of information
- · Dynamic can be updated | modified by new information.
- pattern, tread, relationship · Forming

#### Layer-4 Knowledge - Wisdom

- · Decision making knowledge
- · Applied knowledge
- · Principle, Strategy etc.

# INFORMATION SYSTEM

information. It is made of hardware, software, data, people, processes that work together. A system that transforms raw data into useful Wisdom Information systems Executive (Stategic decision making) Servior managers (Analyze data)

Information
Information
Systems

Decision Support
Systems

Management Information

Management Information

Knowledge

Management Information
Systems

Fransaction Processing System

Information

Basic

Middle
managers
(Summerize presend)
prepare data)

(keeping)

# Organizational system

How teams are formed - > Staff organization

Software system software architecture

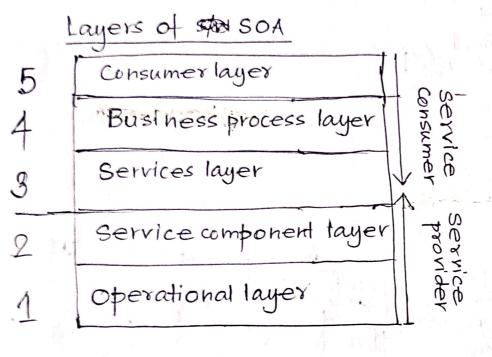
Components & interactions

Example -

separate programs
configuration files
end user documentation
test results

### Service Oriented Architecture (SOA)

A method of S/W development that uses s/w components to create business application.



## Operational layer

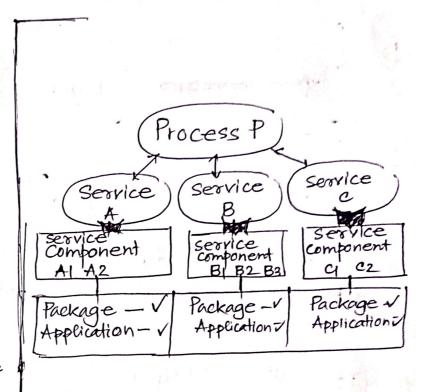
- applications, Consists of existing s/w system like various packages, database, transaction processing system etc.
- Defines all technological assets.

#### 2 Service component layer

- Created service of using programs technologies in operational layer
- a A service component is made of one of more services
- Eg. Finance component Technical component Management component Accounting component

#### 3 Service layer

- Defines all of the services in a business process
- 1) Simplification of business
  - Eg. Operational service Finance & Accounting service



#### 4 Business process layer

- Ocompositions of services exposed in service layer
- a create application that supports business process.

# 5 Customer layer Presentation layer

- Communicates with customer end user, decision maker, system administration administrators etc.
- O Prepares users interface