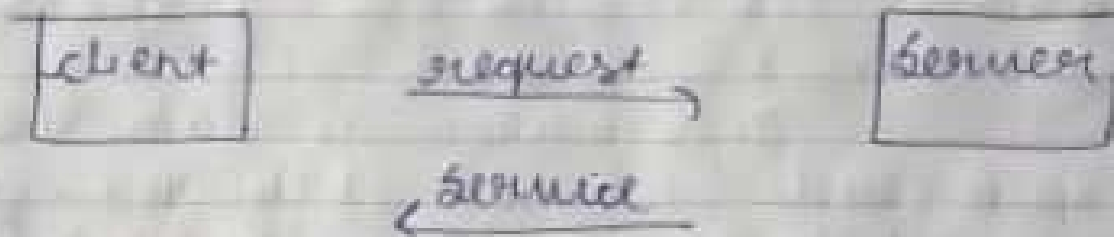


## Explain client/server architecture.

Client/server architecture is a network architecture in which each computer on the network is either a client or a server. Client/server architecture works when the client sends a request to the server over the network connection.

### Components.

- Client
- Server
- Communication middleware.



### Advantages-

- Scalability
- Data integrity
- Resource sharing

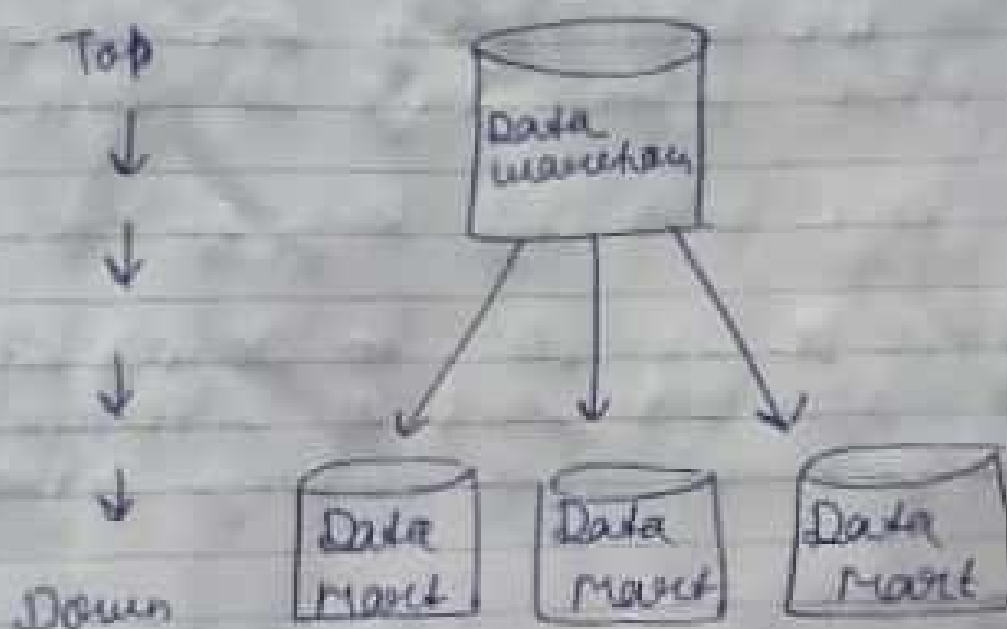
### Disadvantage

Single point of failure  
Costly to maintain DB server.

data mart :-

A data mart is focused on a single functional area of an organization and contains a subset of data stored in a Data warehouse.

A data mart is a condensed version of Data warehouse and is design for use by a specific department, unit or set of users in an organization.



Role of in data warehousing

Data Mart helps to enhance user's response time due to reduction in volume of data. It provides easy access to frequently requested data.