Data Warehousing - Server Issues Chaudhuri and Dayal paper





## Server Requirements (cont.)

## Data quality management

- data must be cleaned of error
- data must be checked for local consistency, global consistency and referential integrity
- Query performance
  - queries complex and access large volumes of data
- Scalability
- \_\_\_\_users, data sources and amount of data



DW Servers

gueries

## DW Server Architectures (cont.)

## MOLAP servers

- provide multidimensional storage engine
- direct mapping of OLAP queries to storage layer

DW Servers

note: exploiting parallelism is a key feature of all architectures

CISC432/832





























































