Databases 101

what is a database?

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1. Shared collection of logically related data

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2. Designed to meet an information need

Uses

Data Storage

Data
Storage

Data
Analysis

Data
Storage

Data
Analysis

Keeping
Record

Data
Storage

Data
Analysis

Keeping
Record

Web Apps

what if all the data stored in the servers is lost?

Properties of a Database?

Integrity
Security
Availability
Concurrency
Independent of Apps

SQL

NoSQL

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SQL

NoSQL

DBMS

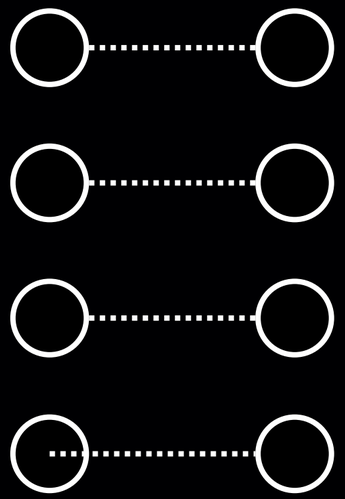
DB
M
S

Database
Management
System

Schema

Keys

Cardinality of Relation



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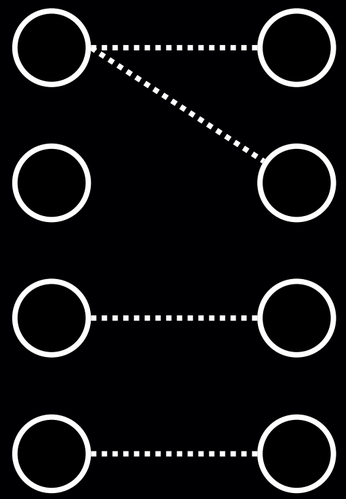
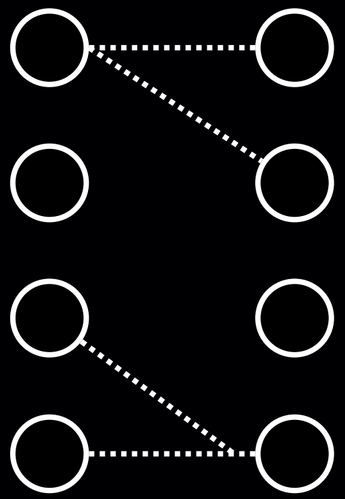


1 : N



M : N

शुक्रिया