SQL > Structured Duery Language

Data Modeling

Data Modeling is a critical step in defining data structure, creating data models to describe associations and constraints for reuse. Data model is the conceptual design or plan for organizing data. It visually represents data with diagrams, symbols, or text to visualize relationships.

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Data Modeling Terminology

DENTITY one object or items in business environment for which we need to store the data.

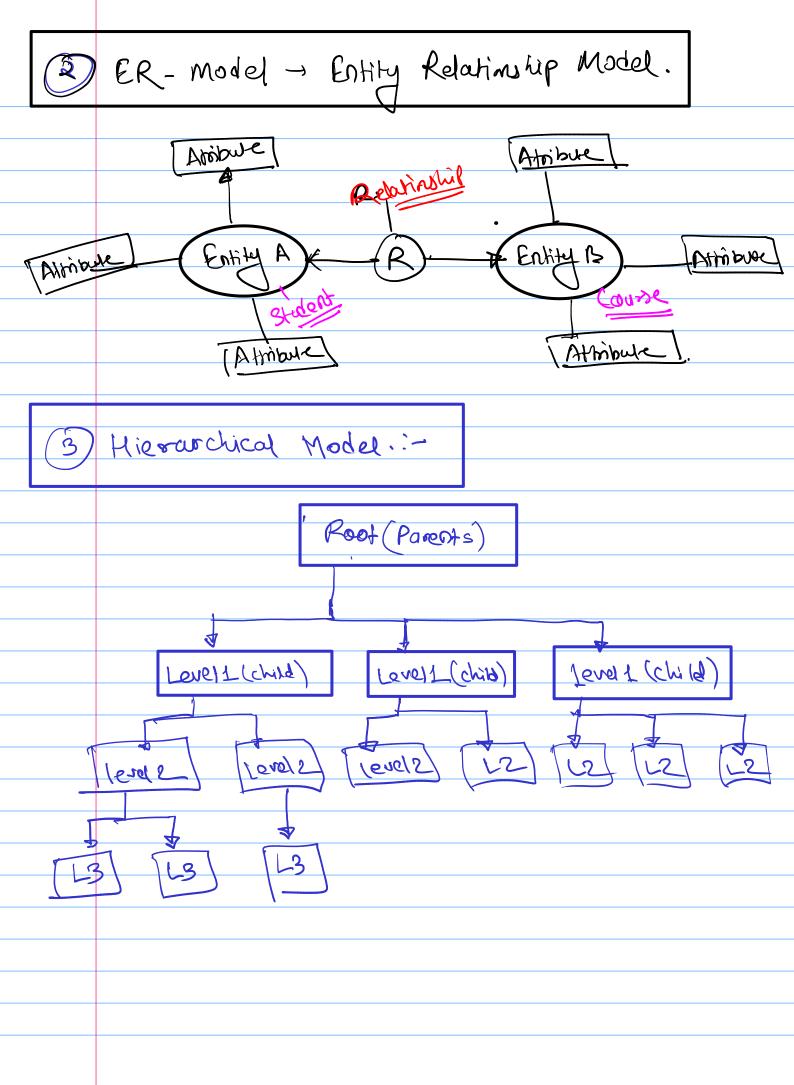
er- In ecomerse data entitles are People Customers, order product.

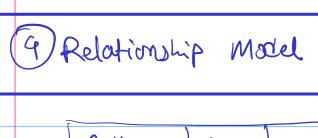
2) Attributes: >> It provide a way to Structure and organise the data within an entity.

ex = Name, Address, email In, Contacte tou b.

* Sale, proderID, orderDate, shipday

3	Relationskip : How entities are connected with
	Rach other.
(4)	Reference Table ? It is used to resolve
	relationship between entities.
(8) Schemoe :-> 1 releas to complete.
	Schema :> It refers to comprete description or due print of the
	dota base.
6	Database :-> The storage space to store the entities.
	the entities.
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What is Database?

A database is like a digital warehouse where data is stored, organized, and managed efficiently. Database is a physical or digital storage system that implements a specific data model. Database is the actual implementation of that design, where the data is stored and managed.

Date :- Fact piece of Information Store in the

Quenu :-

Queries are like search commands that allow users to extract specific data from the database. Users can search, filter, and sort data based on the criteria they specify. For example, a query can be used to find all customers who made a purchase in the last month

