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هذا الملف للمراجعة السريعة واخذ الملاحظات عليه فقط، لانه يحتوي على اقل من 20٪ مما يتم شرحه في الفيديوهات

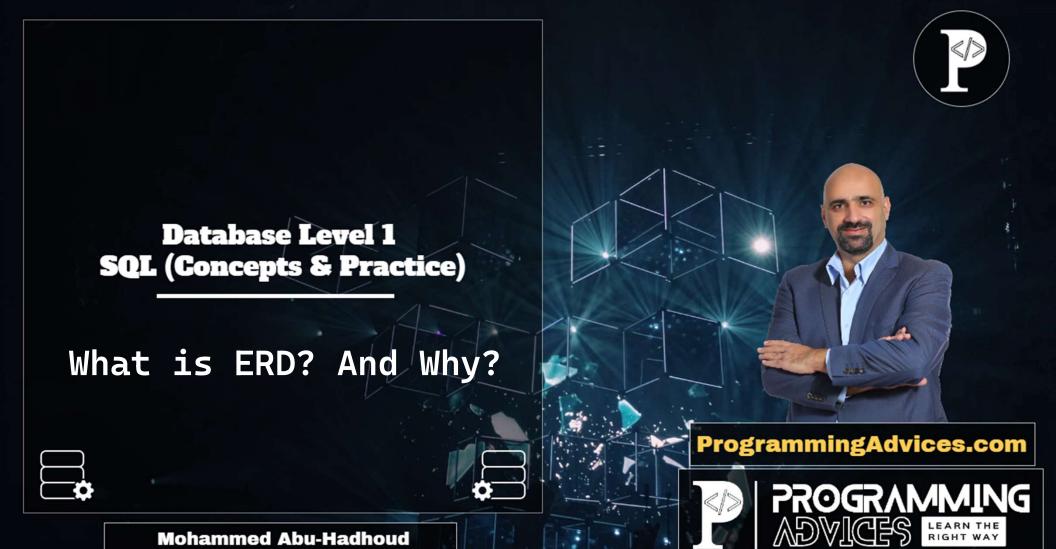الاستعجال والاعتماد عليه فقط سوف يجعلك تخسر كميه معلومات وخبرات كثيره

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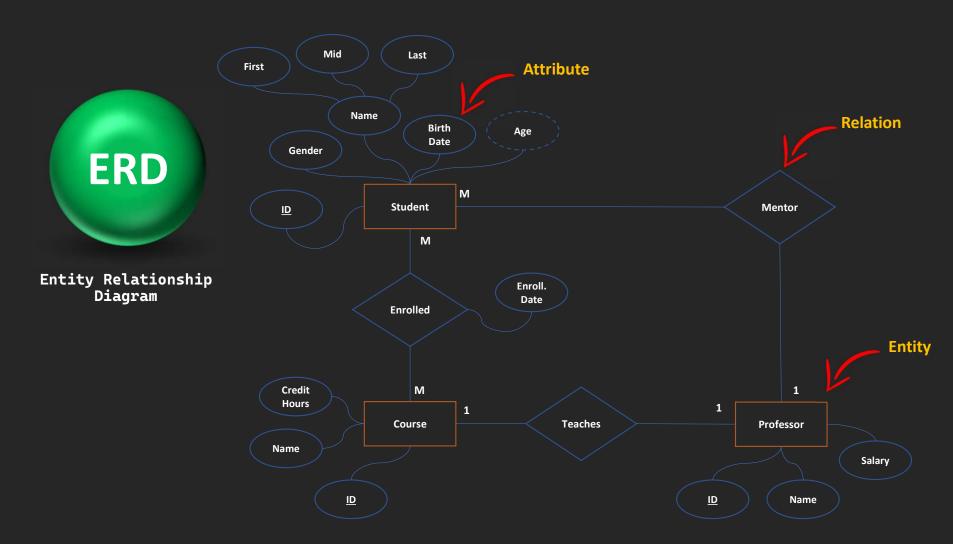
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What is ERD?

- An Entity Relationship Diagram (ER Diagram) pictorially explains the relationship between entities to be stored in a database.

- Fundamentally, the ER Diagram is a structural design of the database.

- It acts as a framework created with <u>specialized symbols</u> for the purpose of defining the relationship between the database entities.

- ER diagram is created based on three principal components: <u>entities</u>, <u>attributes</u>, and <u>relationships</u>.

What is an ER Model?

- An Entity-Relationship Model represents the structure of the database with the help of a diagram.

- ER Modelling is a systematic process to design a database as it would require you to analyze all data requirements before implementing your database.

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Why Use ER Diagrams in DBMS?

- ER Diagram helps you conceptualize the database and lets you know which fields need to be embedded for a particular entity.

- ER Diagram gives a better understanding of the information to be stored in a database.

- It reduces complexity and allows database designers to build databases quickly.

- It helps to describe elements using Entity-Relationship models.

- It allows users to get a preview of the logical structure of the database.

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Conclusion

- ER Diagram in RDBMS is widely used to describe the conceptual design of databases.

- It helps both users and database developers to preview the structure of the database before implementing the database.

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Thank You

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