An Introduction to the Relational Data Model

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What we discussed in the last class

- A brief history of data models Part II

Things we will discuss today

- Relations/tables, attributes, records/tuples
- Superkey, Candidate key, Primary key and foreign key
- Entity-Relational model, ER diagrams, UML
- Functional dependency, Prime and non-prime attributes
- Normalization of Relational Databases

Reference

- R. ELMASRI, S.B. NAVATHE (2017), Fundamentals of Database Systems, Pearson Education, 7th Edition.
    - Chapter 14: Basics of Functional Dependencies and Normalization for Relational Databases

Thank you