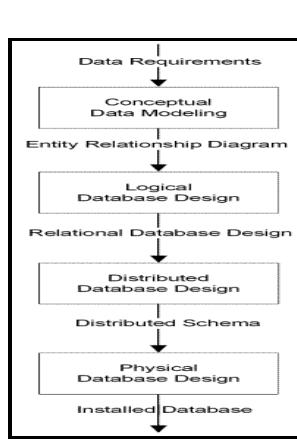


# Unified approach to functional dependencies and relations

Computer Systems Research Group, University of Toronto - A relation



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Notes: Bibliography: p. 23.

This edition was published in 1975



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## Chapter 12 Normalization

A student can take many courses. Instructor InstructorNo, InstructorName, InstructorLocation At this stage, there should be no anomalies in third normal form More precisely, it deals with the notion of a functional dependency when data involved in this type of property are possibly imprecise.

### Functional Dependency in DBMS: What is, Types and Examples

Student StudentNo, StudentName, Major StudentCourse StudentNo, CourseNo, CourseName, InstructorNo, InstructorName, InstructorLocation, Grade To recap the normalization process for the School database, review the dependencies shown in Figure 12.

### Functional Dependency and Attribute Closure

As all FDs in set FD1 also hold in set FD2, FD2  $\rightarrow\!\!\!>$  FD1 is true. The relation elections is one of the counterexamples.

### The Implication Problem of Functional Dependencies in Complex

Dependent It is displayed on the right side of the functional dependency diagram.

### On the impact of regular functional dependencies when moving to a possibilistic database framework

The functional dependencies for this table are listed below. Normalization is the branch of relational theory that provides design insights. Functional dependency example, by A.

### Candidate keys for relations

Then, if X is not a superkey we may still use an alibi from 3NF by checking whether Y is a subkey. If you like GeeksforGeeks and would like to

contribute, you can also write an article using or mail your article to contribute geeksforgeeks. In a relationship, if attribute B is not a subset of attribute A, then it is considered as a non-trivial dependency.

## **Chapter 12 Normalization**

Functional Dependency Set: A Functional Dependency set or FD set of a relation is the set of all FDs present in the relation.

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