

Kelational Database Table 1 = Entity Type ← Entity Affributes Attribute 2 value 2-1 < Entity 1

Value2-2

Entity 2

Entity3

same type of data

TABLE2 - Entity Type2

Core Definitions & Rules

- 1 Primary Key (PK) unique id of entity
- 1 Foreign key (FK) unique id of another (linked)
- 3 Normalization actions to make DB in a normal form (correct & efficient)
- 4) Anomaly situation of inconsistency in DB 4.1 Update 42 Insert 43 Delete
- 3 Normal Forms:
 - (5.1) Unnormalized (UNF) no duplicates, urique ID

 - 6.2) 1NF atomosphile smazence in cells
 - 5.3) 2NF full dependency on PK (no partial dependency)
 - (5.4) 3NF-no transitive dependencies at az az
 - inhertneen are too difficult to explain:) The idea to decompose to the most

trivial dependencies