

1NF: Primary Key, unique, not null, no duplicate row

2NF: (1) No partial dependencies: non-prime totally depend on prime key

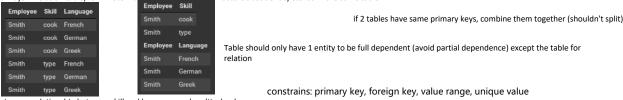
3NF: (1) No transitive dependencies (one non-prime attribute is dependent on the primary key through another non-prime attribute)

(2) If only one non-key attribute, its already in 3NF

3.5NF (Boyce-Codd): 90% 3NF table is also 3.5NF since 3.5NF is created to reduce redundant data in non-prime attribute

(1) for every non-trivial functional dependency X->B, X is a superkey of R (must not be many to many)

4NF: (always in relation table): eliminate independent multivalued factors about entity stored in the same table.



since no relationship between skill and language, and multivalued