

DKNF (Domain key Normal form) :

- Domain key Normal form DKNF is also called 6NF.
- A relation is in DKNF when insertion or delete anomalies are not present in the database.
- It is the highest form of Normalization.
- A table is in Domain-key normal form only if it is in 4NF, 3NF and other Normal forms.
- It is based on Constraint :-

(i) Domain Constraint :- It specifies the possible value of attributes.
for example, EmpID should be four digits long.

EmpID	ENAME	EmpAge
0921	Tom	33
0922	Jack	31
0933	Rohan	32

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(2) Key Constraint :-
= = = =

- o It is an attribute or its combination is a candidate key

(3) General Constraint :-
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- o General Constraint are expressed by first order logic.
- o It avoids general constraints in the database which are not clear domain or key constraints.