Nor malization is the process of organizing datains data base to reduce redon dancy and improve data integrity.

INF (First Normal form)

- · Data must be atomic nature.
- · Each column should have only single value.

2NF (Second Normal form) man mans habit

- · Hust be in INF
- . No partial dependency (non-lay columns must

depend on the whole on sprimary key).

Select I from orders a where o 3NF (Third Normal form)

Mustable in 2NF.

· No transitive idependency (non-key columni

Should not depend on other non-ky

Columns).

BINF (Boyle - lodd Normal form) . Hust be in 3NF. The sailed Every determinant must be a condidate lay. 4NF (fourth Normal form) . Mostube in BLNF. dependencies (no multiple indepen wa alah was sets of data in one table). Always who had the in a file part of the part of the part of the file of the file of the part and can't have SNF (fifth Normal form) habit tax ere was fact . Hust be in UNF. · No join dependency that cannot be expressed voing cardidate layet housely med of how 1/3 1/2 1/1 Show of the in Inder in a data buse is a data structure · lovalo & otale la buje eli -vogon text will about to will Entrapol for may no feed much