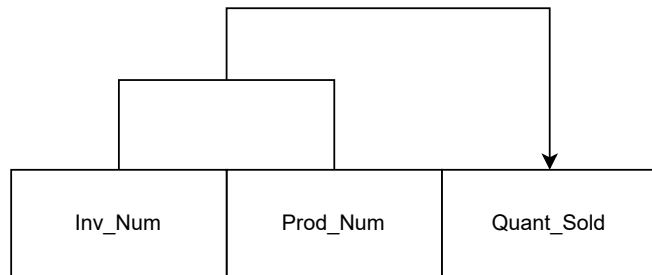


6.

Dependency Diagram:

Table 1

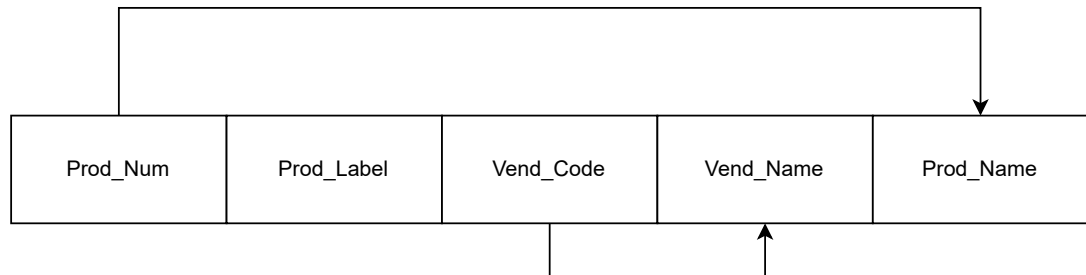


Primary key: Inv_Num + Prod_Num

Foreign keys: Inv_Num (to Table 3), Prod_Num (to Table 2)

Normal form: 3NF

Table 2



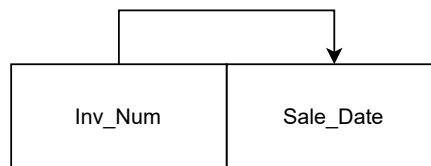
Primary key: Prod_Num

Foreign keys: None

Normal form: 2NF - Contains Transitive Dependency

Transitive
Dependency

Table 3



Primary key: Inv_Num

Foreign keys: None

Normal Form: 3NF

Dependencies:

Transitive-

Vend_Code -> Vend_Name