1.

Dependency Diagram:

Inv_Num	Sale_Date	Prod_Num	Prod_Label	Vend_Code	Vend_Code	Vend_Name	Quant_Sold	Prod_Price

Partial Dependency

Transitive
Dependency

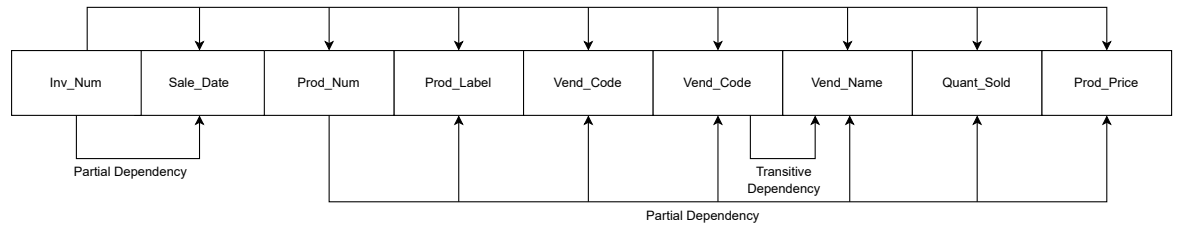Partial Dependency

Dependencies:

Partial-

Inv_Num -> Sale_Date
Prod_Num -> (Prod_Label, Vend_Code, Vend_Name, Prod_Price)

Transitive-

Vend_Code -> Vend_Name

Functional-

Inv_Num, Prod_Num -> (Sale_Date, Prod_Label, Vend_Code, Vend-Name, Quant_Sold, Prod_Price)