

Original 1NF Relational Schema

Full Dependencies

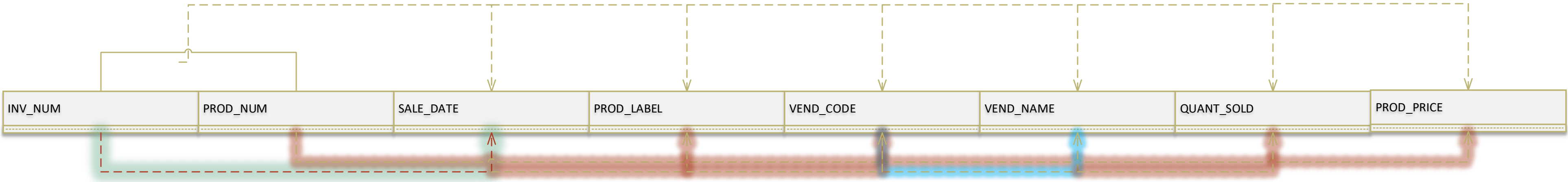
INV_NUM, PROD_NUM: QUANT_SOLD

Partial Dependencies

INV_NUM: SALE_DATE (Green Line)
PROD_NUM: PROD_LABEL, PROD_PRICE (Red Lines)

Transitive Dependencies

VEND_CODE: VEND_NAME (Blue Line)

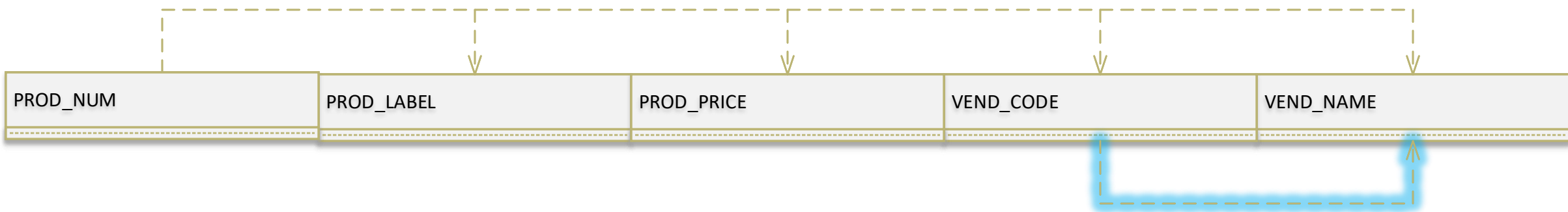
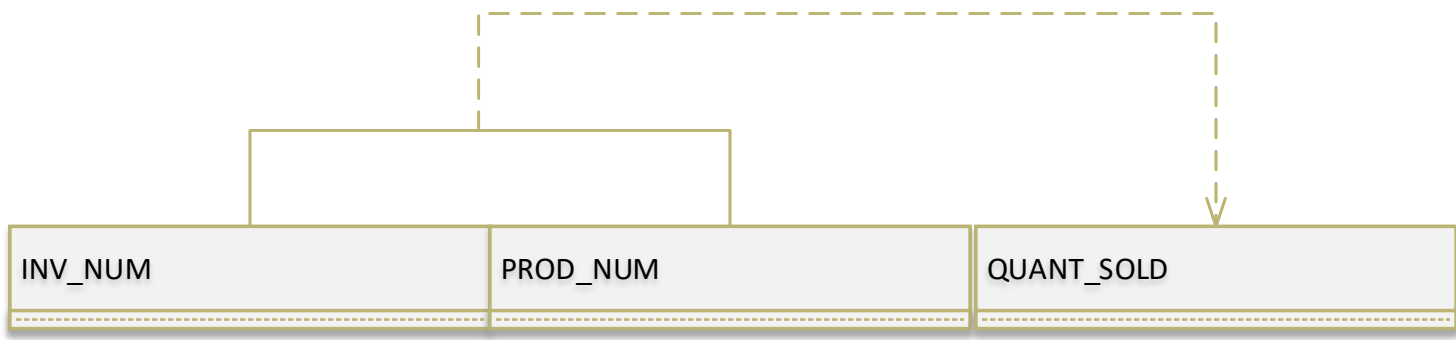


Secondary Relational Schema

Full Dependencies

INV_NUM, PROD_NUM: QUANT_SOLD (3NF)
INV_NUM: SALE_DATE (3NF)
PROD_NUM: PROD_LABEL, PROD_PRICE (2NF)

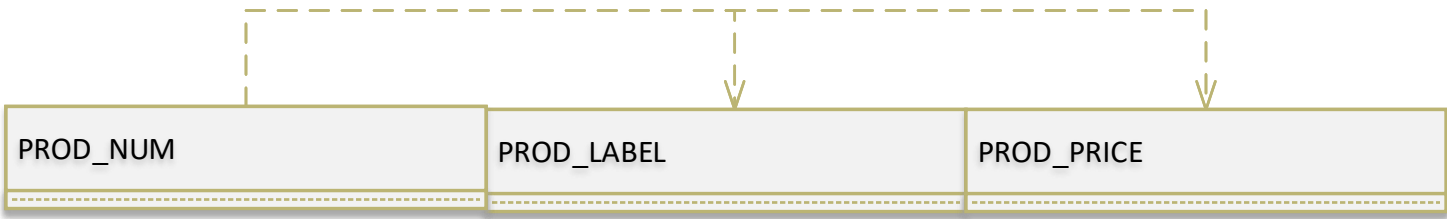
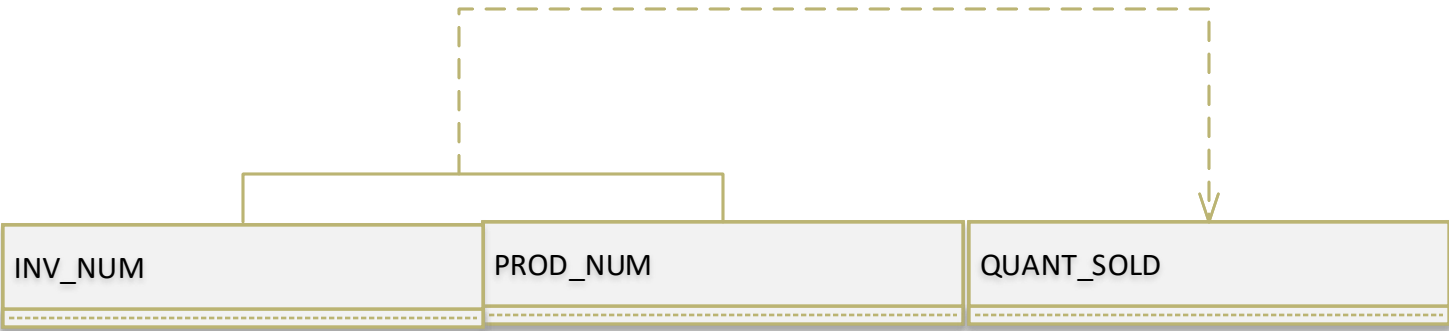
Transitive Dependencies
VEND_CODE: VEND_NAME (Blue Line) (Part of 2NF table)



3NF Relational Schema

Full Dependencies

INV_NUM, PROD_NUM: QUANT_SOLD (3NF)
INV_NUM: SALE_DATE (3NF)
PROD_NUM: PROD_LABEL, PROD_PRICE (3NF)
VEND_CODE: VEND_NAME (3NF)



ERD Diagram

