LIVESTOCK_FARMER R1

1NF

FarmerID	Name	Address	Phone Number	Email

R1 is already in 2NF
R1 is already in 3NF
R1 is already in BCNF

NUTRITIONIST R2

1NF

NutritionistID	Name	Address	Phone Number

R2 is already in 2NF
R2 is already in 3NF
R2 is already in BCNF

PRODUCTION_RECORD R3

1NF

farmerID	productID	Yields	Livestock Number	Production cost	Processing data	date

R3 is already in 2NF, 3NF
and BCNF

PRODUCT R4

1NF

ProductID	Meat type	Cut	Origin	Seasonality	Price

R4 is already in 2NF
R4 is already in 3NF
R4 is already in BCNF

RETAILER R5

1NF

RetailerID	Name	Address	Phone Number	Email

R5 is already in 2NF
R5 is already in 3NF
R5 is already in BCNF

RETAILER_PURCHASE_RECORD R6

1NF

RetailerPurchaseID	Retailer _supply _quantity	WholesalerID	RetailerID	ProductID

R6 is already in 2NF, 3NF
and BCNF

WHOLESALER R7

1NF

WholesalerID	Name	Address	Phone number

R7 is already in 2NF,3NF
and BCNF

WHOLESALE_STORAGE_RECORD R8

1NF

WholesalerStorageID	Quantity	Date	WholesalerID	FarmerID	StorageID	ProductID

R8 is already in 2NF, 3NF
and BCNF

STORAGE R9

1NF

StorageID	Capacity	Location	Retailer_ purchaseID

R9 is already in 2NF,3NF
and BCNF

COLD_STORAGE R10

1NF

ColdStorageID	Name	Capacity	storageID

R10 is already 2NF,3NF
and BCNF

CONSUMER R11

1NF

ConsumerID	Name	Location

R11 is already in 2NF, 3NF
and BCNF

ORDER R12

1NF

OrderID	Date	consumerID	retailerID

R12 is already in 2NF, 3NF
and BCNF

ORDER_LINE R13

1NF

OrderID	ProductID	Quantity	purchase cost

R13 is already in 2NF, 3NF
and BCNF

LIVESTOCK_EXPANSION R14

1NF

NutritionistID	FarmerID	recommended livestock number

R14 is already in 2NF, 3NF
and BCNF

WEATHER R15

1NF

year	month	day	rainfall_in_ml	location	Temperature_in_celcius	cold_storage_ID	wholesaler_storage_ID	retailer_purchase_ID

WEATHER R151

2NF

year	rainfall_in_ml	location	Temperature_in_celcius

2NF

month	rainfall_in_ml	location	Temperature_in_celcius

2NF

day	rainfall_in_ml	location	Temperature_in_celcius

R151 is already in 3NF and BCNF