

LIVESTOCK_FARMER R1

1NF

<u>FarmerID</u>	Name	Address	Phone Number	Email
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R1 is already in 2NF
R1 is already in 3NF
R1 is already in BCNF

NUTRITIONIST R2

1NF

<u>NutritionistID</u>	Name	Address	Phone Number
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R2 is already in 2NF
R2 is already in 3NF
R2 is already in BCNF

PRODUCTION_RECORD R3

1NF

<u>farmerID</u>	<u>productID</u>	Yields	Livestock Number	Production cost	Processing data	date
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R3 is already in 2NF, 3NF
and BCNF

PRODUCT R4

1NF

<u>ProductID</u>	Meat type	Cut	Origin	Seasonality	Price
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R4 is already in 2NF
R4 is already in 3NF
R4 is already in BCNF

RETAILER R5

1NF

<u>RetailerID</u>	Name	Address	Phone Number	Email
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R5 is already in 2NF
R5 is already in 3NF
R5 is already in BCNF

RETAILER_PURCHASE_RECORD R6

1NF

<u>RetailerPurchaseID</u>	Retailer_supply_quantity	WholesalerID	RetailerID	ProductID
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R6 is already in 2NF, 3NF
and BCNF

WHOLESALE R7

1NF

<u>WholesalerID</u>	Name	Address	Phone number
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R7 is already in 2NF, 3NF
and BCNF

WHOLESALE_STORAGE_RECORD R8

1NF

<u>WholesalerStorageID</u>	Quantity	Date	WholesalerID	FarmerID	StorageID	ProductID
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R8 is already in 2NF, 3NF
and BCNF

STORAGE R9

1NF

<u>StorageID</u>	Capacity	Location	Retailer_purchaseID
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R9 is already in 2NF, 3NF
and BCNF

COLD_STORAGE R10

1NF

<u>ColdStorageID</u>	Name	Capacity	storageID
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R10 is already 2NF, 3NF
and BCNF

CONSUMER R11

1NF

<u>ConsumerID</u>	Name	Location
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R11 is already in 2NF, 3NF
and BCNF

ORDER R12

1NF

<u>OrderID</u>	Date	consumerID	retailerID
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R12 is already in 2NF, 3NF
and BCNF

ORDER_LINE R13

1NF

<u>OrderID</u>	<u>ProductID</u>	Quantity	purchase cost
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R13 is already in 2NF, 3NF
and BCNF

LIVESTOCK_EXPANSION R14

1NF

<u>NutritionistID</u>	<u>FarmerID</u>	recommended livestock number
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R14 is already in 2NF, 3NF
and BCNF

WEATHER R15

1NF

<u>year</u>	<u>month</u>	<u>day</u>	<u>rainfall_in_ml</u>	<u>location</u>	Temperature_in_celcius	<u>cold_storage_ID</u>	<u>wholesaler_storage_ID</u>	<u>retailer_purchase_ID</u>
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WEATHER R151

2NF

<u>year</u>	<u>rainfall_in_ml</u>	<u>location</u>	Temperature_in_celcius
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2NF

<u>month</u>	<u>rainfall_in_ml</u>	<u>location</u>	Temperature_in_celcius
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2NF

<u>day</u>	<u>rainfall_in_ml</u>	<u>location</u>	Temperature_in_celcius
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R151 is already in 3NF and BCNF