

Target (BL_3NF)							
Schema name	Table name	Column name	Data type	Nullable	Default value	Constraint type	Expression
BL_3NF	CE_SALES	SALE_ID	BIGINTEGER	No		PK	generated automatically
BL_3NF	CE_SALES	SALE_SRC_ID	VARCHAR(255)	No		UNIQUE	"Order Number" "-" Line Item
BL_3NF		SALE_ORDER_DT	DATE	No			
BL_3NF	CE_SALES	SALE_DELIVERY_DT	DATE	No			
BL_3NF	CE_SALES	SALE_PRODUCT_ID	BIGINTEGER	No		FK, References to CE_PRODUCTS(PRODUCT_ID)	SELECT p.product_id FROM bl_3nf.ce_products LEFT JOIN staging.sales s ON p.product_src_id = s."ProductKey"
BL_3NF	CE_SALES	SALE_CUSTOMER_ID	BIGINTEGER	No		FK, References to CE_CUSTOMERS(CUSTOMER_ID)	SELECT c.customer_id FROM bl_3nf.ce_customers c LEFT JOIN staging.sales s ON c.customer_src_id = s."CustomerKey"
BL_3NF	CE_SALES	SALE_STORE_ID	BIGINTEGER	No		FK, References to CE_STORES(STORE_ID)	SELECT store_id st FROM bl_3nf.ce_stores st LEFT JOIN staging.sales s ON st.store_src_id = s."StoreKey"
BL_3NF	CE_SALES	SALE_QUANTITY	INTEGER	Yes			
BL_3NF	CE_SALES	SALE_TOTAL_SUM	DECIMAL(8,2)	Yes			SELECT s.sale_quantity * p.product_unit_price FROM ce_sales s INNER JOIN ce_products p ON s.sale_product_id = p.product_id
BL_3NF	CE_SALES	INSERT_DT	DATE	No	CURRENT DATE		
BL_3NF	CE_SALES	UPDATE_DT	DATE	No	CURRENT DATE		
BL_3NF	CE_SALES	SOURCE_SYSTEM	VARCHAR(255)	No	"SA"		
BL_3NF	CE_SALES	SURCE_ENTITY	VARCHAR(255)	No	"Sales"		
BL_3NF	CE_CUSTOMERS	CUSTOMER_ID	BIGINTEGER	No		PK	generated automatically
BL_3NF	CE_CUSTOMERS	CUSTOMER_SRC_ID	VARCHAR(255)	No		UNIQUE	
BL_3NF	CE_CUSTOMERS	CUSTOMER_FIRST_NAME	VARCHAR(30)	No			SPLIT_PART("Name",',',1)
BL_3NF	CE_CUSTOMERS	CUSTOMER_LAST_NAME	VARCHAR(30)	No			SPLIT_PART("Name",',',2)
BL_3NF	CE_CUSTOMERS	CUSTOMER_GENDER	VARCHAR(10)	No			
BL_3NF	CE_CUSTOMERS	CUSTOMER_BIRTHDAY_DT	DATE	No			
BL_3NF	CE_CUSTOMERS	CUSTOMER_CITY_ID	BIGINTEGER	No		FK, References to CE_CITIES(CITY_ID)	SELECT c.city_id FROM bl_3nf.ce_cities c LEFT JOIN staging.customers cu ON upper(c.city_src_id) = upper(cu."City")
BL_3NF	CE_CUSTOMERS	INSERT_DT	DATE	No	CURRENT DATE		
BL_3NF	CE_CUSTOMERS	UPDATE_DT	DATE	No	CURRENT DATE		
BL_3NF	CE_CUSTOMERS	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"		
BL_3NF	CE_CUSTOMERS	SURCE_ENTITY	VARCHAR(255)	No	"Customers"		
BL_3NF	CE_CITIES	CITY_ID	BIGINTEGER	No		PK	generated automatically
BL_3NF	CE_CITIES	CITY_SRC_ID	VARCHAR(255)	No		UNIQUE	
BL_3NF	CE_CITIES	CITY_NAME	VARCHAR(40)	No			initcap("City")
BL_3NF	CE_CITIES	CITY_STATE_ID	BIGINTEGER	No		FK, References to CE_STATES(STATE_ID)	SELECT s.state_id FROM bl_3nf.ce_states s LEFT JOIN staging.customers c ON upper(s.state_src_id) = upper(c."State")
BL_3NF	CE_CITIES	INSERT_DT	DATE	No	CURRENT DATE		
BL_3NF	CE_CITIES	UPDATE_DT	DATE	No	CURRENT DATE		
BL_3NF	CE_CITIES	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"		
BL_3NF	CE_CITIES	SURCE_ENTITY	VARCHAR(255)	No	"Customers"		

Source (Staging)				
Schema name	Table name	Column name	Data type	Nullable
Staging	Sales	Order Number	VARCHAR(255)	Yes
Staging	Sales	Line Item	VARCHAR(255)	Yes
Staging	Sales	Order Date	VARCHAR(255)	Yes
Staging	Sales	Delivery Date	VARCHAR(255)	Yes
Staging	Sales	ProductKey	VARCHAR(255)	Yes
Staging	Sales	CustomerKey	VARCHAR(255)	Yes
Staging	Sales	StoreKey	VARCHAR(255)	Yes
Staging	Sales	Quantity	VARCHAR(255)	Yes
Staging	Customers	CustomerKey	VARCHAR(255)	Yes
Staging	Customers	Name	VARCHAR(255)	Yes
Staging	Customers	Name	VARCHAR(255)	Yes
Staging	Customers	Gender	VARCHAR(255)	Yes
Staging	Customers	Birthday	VARCHAR(255)	Yes
Staging	Customers	City	VARCHAR(255)	Yes
Staging	Customers	City	VARCHAR(255)	Yes
Staging	Customers	City	VARCHAR(255)	Yes
Staging	Customers	State	VARCHAR(255)	Yes

BL_3NF	CE_STATES	STATE_ID	BIGINTEGER	No		PK	generated automatically						
BL_3NF	CE_STATES	STATE_SRC_ID	VARCHAR(255)	No		UNIQUE			Staging	Customers	State	VARCHAR(255)	Yes
BL_3NF	CE_STATES	STATE_NAME	VARCHAR(40)	No				initcap("State")	Staging	Stores	State	VARCHAR(255)	Yes
BL_3NF	CE_STATES	STATE_COUNTRY_ID	BIGNTEGER	No		FK, References to CE_COUNTRIES(COUNTRY_ID)	SELECT c.country_id FROM bl_3nf.ce_countries c LEFT JOIN staging.customers cu ON upper(c.coutry_src_id) = upper(cu."Country") SELECT c.country_id FROM bl_3nf.ce_countries c LEFT JOIN staging.stores s ON upper(c.coutry_src_id) = upper(s."Country")		Staging	Customers	Country	VARCHAR(255)	Yes
BL_3NF	CE_STATES	INSERT_DT	DATE	No	CURRENT DATE								
BL_3NF	CE_STATES	UPDATE_DT	DATE	No	CURRENT DATE								
BL_3NF	CE_STATES	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"								
BL_3NF	CE_STATES	SURCE_ENTITY	VARCHAR(255)	No	"Customers"								
BL_3NF	CE_COUNTRIES	COUNTRY_ID	BIGINTEGER	No		PK	generated automatically						
BL_3NF	CE_COUNTRIES	COUNTRY_SRC_ID	VARCHAR(255)	No		UNIQUE							
BL_3NF	CE_COUNTRIES	COUNTRY_NAME	VARCHAR(20)	No				initcap("Country")					
BL_3NF	CE_COUNTRIES	COUNTRY_CONTINENT_ID	BIGNTEGER	No		FK, References to CE_CONTINENTS(CONTINENT_ID)	SELECT c.continent_id FROM bl_3nf.ce_continents c LEFT JOIN staging.customers cu ON upper(c.continent_src_id) = upper(cu."Continent")		Staging	Stores	Country	VARCHAR(255)	Yes
BL_3NF	CE_COUNTRIES	INSERT_DT	DATE	No	CURRENT DATE								
BL_3NF	CE_COUNTRIES	UPDATE_DT	DATE	No	CURRENT DATE								
BL_3NF	CE_COUNTRIES	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"								
BL_3NF	CE_COUNTRIES	SURCE_ENTITY	VARCHAR(255)	No	"Customers"								
BL_3NF	CE_CONTINENTS	CONTINENT_ID	BIGINTEGER	No		PK	generated automatically						
BL_3NF	CE_CONTINENTS	CONTINENT_SRC_ID	VARCHAR(255)	No		UNIQUE			Staging	Customers	Continent	VARCHAR(255)	Yes
BL_3NF	CE_CONTINENTS	CONTINENT_NAME	VARCHAR(20)	No				initcap("Continent")	Staging	Stores	Continent	VARCHAR(255)	Yes
BL_3NF	CE_CONTINENTS	INSERT_DT	DATE	No	CURRENT DATE								
BL_3NF	CE_CONTINENTS	UPDATE_DT	DATE	No	CURRENT DATE								
BL_3NF	CE_CONTINENTS	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"								
BL_3NF	CE_CONTINENTS	SURCE_ENTITY	VARCHAR(255)	No	"Customers"								
BL_3NF	CE_STORES	STORE_ID	BIGINTEGER	No		PK	generated automatically						
BL_3NF	CE_STORES	STORE_SRC_ID	VARCHAR(255)	No		UNIQUE			Staging	Stores	StoreKey	VARCHAR(255)	Yes
BL_3NF	CE_STORES	STORE_STATE_ID	BIGNTEGER	No		FK, References to CE_STATES(STATE_ID)	SELECT s.state_id FROM bl_3nf.ce_states s LEFT JOIN staging.stores st ON upper(s.state_src_id) = upper(st."State")		Staging	Stores	State	VARCHAR(255)	Yes
BL_3NF	CE_STORES	STORE_SQUARE_METERS	DECIMAL(8,2)	No					Staging	Stores	Square Meters	VARCHAR(255)	Yes
BL_3NF	CE_STORES	STORE_OPEN_DT	DATE	No					Staging	Stores	Open Date	VARCHAR(255)	Yes
BL_3NF	CE_STORES	INSERT_DT	DATE	No	CURRENT DATE								
BL_3NF	CE_STORES	UPDATE_DT	DATE	No	CURRENT DATE								
BL_3NF	CE_STORES	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"								
BL_3NF	CE_STORES	SURCE_ENTITY	VARCHAR(255)	No	"Stores"								
BL_3NF	CE_PRODUCTS_SCD	PRODUCT_ID	BIGINTEGER	No		PK	generated automatically						
BL_3NF	CE_PRODUCTS_SCD	PRODUCT_SRC_ID	VARCHAR(255)	No					Staging	Products	ProductKey	VARCHAR(255)	Yes
BL_3NF	CE_PRODUCTS_SCD	PRODUCT_NAME	VARCHAR(100)	No					Staging	Products	Product Name	VARCHAR(255)	Yes
BL_3NF	CE_PRODUCTS_SCD	PRODUCT_BRAND	VARCHAR(30)	No					Staging	Products	Brand	VARCHAR(255)	Yes
BL_3NF	CE_PRODUCTS_SCD	PRODUCT_COLOR	VARCHAR(20)	No					Staging	Products	Color	VARCHAR(255)	Yes

BL_3NF	CE_PRODUCTS_SCD	PRODUCT_UNIT_COST	DECIMAL(7,2)	No				Staging	Products	Unit Cost USD	VARCHAR(255)	Yes
BL_3NF	CE_PRODUCTS_SCD	PRODUCT_UNIT_PRICE	DECIMAL(7,2)	No				Staging	Products	Unit Price USD	VARCHAR(255)	Yes
BL_3NF	CE_PRODUCTS_SCD	PRODUCT_SUBCATEGORY_ID	BIGINTEGER	No		FK, References to CE_SUBCATEGORIES(SUBC ATEGORY_ID)	SELECT s.subcategory_id FROM bl_3nf.ce_subcategories s LEFT JOIN staging.products p ON s.subcategory_src_id = p."SubcategoryKey"	Staging	Products	SubcategoryKey	VARCHAR(255)	Yes
BL_3NF	CE_PRODUCTS_SCD	START_DT	TIMESTAMP	No		PK						
BL_3NF	CE_PRODUCTS_SCD	END_DT	TIMESTAMP	No								
BL_3NF	CE_PRODUCTS_SCD	IS_ACTIVE	VARCHAR(1)	No	"N"							
BL_3NF	CE_PRODUCTS_SCD	INSERT_DT	DATE	No								
BL_3NF	CE_PRODUCTS_SCD	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"							
BL_3NF	CE_PRODUCTS_SCD	SURCE_ENTITY	VARCHAR(255)	No	"Products"							
BL_3NF	CE_SUBCATEGORIES	SUBCATEGORY_ID	BIGINTEGER	No		PK	generated automatically					
BL_3NF	CE_SUBCATEGORIES	SUBCATEGORY_SRC_ID	VARCHAR(255)	No		UNIQUE		Staging	Products	SubcategoryKey	VARCHAR(255)	Yes
BL_3NF	CE_SUBCATEGORIES	SUBCATEGORY_NAME	VARCHAR(40)	No				Staging	Products	Subcategory	VARCHAR(255)	Yes
BL_3NF	CE_SUBCATEGORIES	SUBCATEGORY_CATEGORY_ID	BIGINTEGER	No		FK, References to CE_CATEGORIES(CATEGOR Y_ID)	SELECT s.category_id FROM bl_3nf.ce_categories c LEFT JOIN staging.products p ON c.category_src_id = p."CategoryKey"	Staging	Products	CategoryKey	VARCHAR(255)	Yes
BL_3NF	CE_SUBCATEGORIES	INSERT_DT	DATE	No	CURRENT DATE							
BL_3NF	CE_SUBCATEGORIES	UPDATE_DT	DATE	No	CURRENT DATE							
BL_3NF	CE_SUBCATEGORIES	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"							
BL_3NF	CE_SUBCATEGORIES	SURCE_ENTITY	VARCHAR(255)	No	"Products"							
BL_3NF	CE_CATEGORIES	CATEGORY_ID	BIGINTEGER	No		PK	generated automatically					
BL_3NF	CE_CATEGORIES	CATEGORY_SRC_ID	VARCHAR(255)	No		UNIQUE		Staging	Products	CategoryKey	VARCHAR(255)	Yes
BL_3NF	CE_CATEGORIES	CATEGORY_NAME	VARCHAR(40)	No				Staging	Products	Category	VARCHAR(255)	Yes
BL_3NF	CE_CATEGORIES	INSERT_DT	DATE	No	CURRENT DATE							
BL_3NF	CE_CATEGORIES	UPDATE_DT	DATE	No	CURRENT DATE							
BL_3NF	CE_CATEGORIES	SOURCE_SYSTEM	VARCHAR(255)	No	"Staging"							
BL_3NF	CE_CATEGORIES	SURCE_ENTITY	VARCHAR(255)	No	"Products"							