

raw_inventory_data	
◆	Date DATE
◆	Store_ID VARCHAR(10)
◆	Product_ID VARCHAR(15)
◆	Category VARCHAR(50)
◆	Region VARCHAR(50)
◆	Inventory_Level INT
◆	Units_Sold INT
◆	Units_Ordered INT
◆	Demand_Forecast FLOAT
◆	Price DECIMAL(10,2)
◆	Discount DECIMAL(5,2)
◆	Weather_Condition VARCHAR(50)
◆	Holiday_Promotion TINYINT(1)
◆	Competitor_Pricing DECIMAL(10,2)
◆	Seasonality VARCHAR(50)

Stores	
🔑	store_id VARCHAR(10)
🔑	region VARCHAR(100)
Indexes	

Inventory	
🔑	inventory_id INT
◆	store_id VARCHAR(10)
◆	region VARCHAR(100)
◆	product_id VARCHAR(20)
◆	date DATE
◆	inventory_level INT
Indexes	

Weather	
🔑	store_id VARCHAR(10)
🔑	region VARCHAR(100)
🔑	date DATE
◆	condition VARCHAR(50)
Indexes	

Sales	
🔑	sale_id INT
◆	store_id VARCHAR(10)
◆	region VARCHAR(100)
◆	product_id VARCHAR(20)
◆	date DATE
◆	units_sold INT
◆	discount DECIMAL(5,2)
◆	holiday_promotion TINYINT(1)
◆	competitor_pricing DECIMAL(10,2)
Indexes	

Forecasts	
🔑	forecast_id INT
◆	store_id VARCHAR(10)
◆	region VARCHAR(100)
◆	product_id VARCHAR(20)
◆	date DATE
◆	demand_forecast FLOAT
Indexes	

Orders	
🔑	order_id INT
◆	store_id VARCHAR(10)
◆	region VARCHAR(100)
◆	product_id VARCHAR(20)
◆	date DATE
◆	units_ordered INT
Indexes	

Products	
🔑	product_id VARCHAR(20)
◆	category VARCHAR(100)
◆	price DECIMAL(10,2)
◆	seasonality VARCHAR(50)
Indexes	

