

Star Schema Diagram – Sales Data Warehouse

Fact Table (Center)

FACT_SALES

PK sales_id

FK date_id

FK product_id

FK customer_id

FK region_id

qty

amount

Dimension Tables (Surrounding)

DIM_PRODUCT

PK product_id

sku

style

category

size

asin

DIM_DATE

PK date_id

order_date

DIM_CUSTOMER

PK customer_id

city

state

postal_code

country

DIM_REGION

PK region_id

state

country

Each dimension connects directly to the Fact_Sales table using foreign keys, forming a classic STAR schema optimized for analytical queries.