

t_bronze_iowa_sales	
invoice_and_item_number	TEXT
date	DATE
store_number	TEXT
store_name	TEXT
address	TEXT
city	TEXT
zip_code	TEXT
store_location	TEXT
county_number	TEXT
county	TEXT
category	TEXT
category_name	TEXT
vendor_name	TEXT
vendor_number	TEXT
item_number	TEXT
item_description	TEXT
pack	INTEGER
bottle_volume_ml	INTEGER
state_bottle_cost	NUMERIC(10, 2)
state_bottle_retail	NUMERIC(10, 2)
bottles_sold	INTEGER
sale_dollars	NUMERIC(12, 2)
volume_sold_liters	NUMERIC(12, 2)
volume_sold_gallons	NUMERIC(12, 2)

t_bronze_iowa_sales	
invoice_and_item_number	TEXT
date	DATE
store_number	TEXT
store_name	TEXT
address	TEXT
city	TEXT
zip_code	TEXT
store_location	TEXT
county_number	TEXT
county	TEXT
category	TEXT
category_name	TEXT
vendor_name	TEXT
vendor_number	TEXT
item_number	TEXT
item_description	TEXT
pack	INTEGER
bottle_volume_ml	INTEGER
state_bottle_cost	NUMERIC(10, 2)
state_bottle_retail	NUMERIC(10, 2)
bottles_sold	INTEGER
sale_dollars	NUMERIC(12, 2)
volume_sold_liters	NUMERIC(12, 2)
volume_sold_gallons	NUMERIC(12, 2)

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    erDiagram
        t_dim_stores ||--o{ t_fact_sales : "id_store_number (FK)"
        t_dim_stores ||--o{ t_fact_sales : "id_item_number (FK)"
        t_dim_stores ||--o{ t_dim_product : "id_item_number (FK)"
        t_dim_stores ||--o{ t_dim_product : "id_item_detail (FK)"
        t_dim_dates ||--o{ t_fact_sales : "dt_date (FK)"
        t_dim_product ||--o{ t_fact_sales : "id_vendor_number (FK)"
        t_dim_product ||--o{ t_dim_vendor : "id_vendor_number (FK)"
        t_dim_product ||--o{ t_dim_vendor : "nm_vendor_name (FK)"
  
```

t_dim_stores

id_store_number (PK)	TEXT
nm_store_name	TEXT
ds_store_number	TEXT
city	TEXT
zip_code	TEXT
county_number	TEXT
county	TEXT
store_location	TEXT

t_dim_dates

dt_date (PK)	DATE
dt_day	INTEGER
dt_month	INTEGER
dt_month_name	TEXT
dt_quarter	INTEGER
dt_year	INTEGER
dt_year_quarter	TEXT
dt_year_month	TEXT
dt_weekday	TEXT

t_fact_sales

id_invoice_and_item_number (PK)	TEXT
dt_date (FK)	DATE
id_store_number (FK)	TEXT
id_item_number (FK)	TEXT
id_vendor_number (FK)	TEXT
nr_bottles_sold	INTEGER
nr_state_bottle_cost	NUMERIC(10,2)
nr_state_bottle_retail	NUMERIC(10,2)
nr_sale_dollars	NUMERIC(10,2)
nr_volume_sold_liters	NUMERIC(10,2)
nr_volume_sold_gallons	NUMERIC(10,2)
nr_net_revenue_per_bottle	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)

t_dim_product

id_item_number (PK)	TEXT
id_item_detail	TEXT
nr_bottles_pack	INTEGER
nr_bottle_volume	INTEGER
nm_category	TEXT
nm_category_name	TEXT

t_dim_vendor

id_vendor_number (PK)	TEXT
nm_vendor_name	TEXT

t_dim_stores	
id_store_number (PK)	TEXT
nm_store_name	TEXT
ds_store_number	TEXT
city	TEXT
zip_code	TEXT
county_number	TEXT
county	TEXT
store_location	TEXT

t_dim_dates	
dt_date (PK)	DATE
dt_day	INTEGER
dt_month	INTEGER
dt_month_name	TEXT
dt_quarter	INTEGER
dt_year	INTEGER
dt_year_quarter	TEXT
dt_year_month	TEXT
dt_weekday	TEXT

t_fact_sales	
id_invoice_and_item_number (PK)	TEXT
dt_date (FK)	DATE
id_store_number (FK)	TEXT
id_item_number (FK)	TEXT
id_vendor_number (FK)	TEXT
nr_bottles_sold	INTEGER
nr_state_bottle_cost	NUMERIC(10,2)
nr_state_bottle_retail	NUMERIC(10,2)
nr_sale_dollars	NUMERIC(10,2)
nr_volume_sold_liters	NUMERIC(10,2)
nr_volume_sold_gallons	NUMERIC(10,2)
nr_net_revenue_per_bottle	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)

t_dim_product	
id_item_number (PK)	TEXT
id_item_detail	TEXT
nr_bottles_pack	INTEGER
nr_bottle_volume	INTEGER
nm_category	TEXT
nm_category_name	TEXT

t_dim_vendor	
id_vendor_number (PK)	TEXT
nm_vendor_name	TEXT

Analytical Base Table

t_sales_transactions	
id_invoice_and_item_number	TEXT
dt_date	DATE
dt_day	TEXT
dt_month	TEXT
dt_quarter	TEXT
dt_year	DATE
dt_year_quarter	TEXT
dt_year_month	TEXT
dt_weekday	INTEGER
nm_store_number	TEXT
nm_store_name	TEXT
nm_address	TEXT
ds_city	TEXT
ds_state	TEXT
ds_region	TEXT
nm_zip_code	TEXT
nm_county	TEXT
nm_item_number	TEXT
ds_item_description	TEXT
nr_bottles_pack	INTEGER
nr_nm_bottle_volume	INTEGER
nm_category	TEXT
nm_category_name	TEXT
nm_vendor_number	TEXT
nm_vendor_name	TEXT
nr_bottles_sold	INTEGER
nr_state_bottle_cost	NUMERIC(10,2)
nr_state_bottle_retail	NUMERIC(10,2)
nr_sale_dollars	NUMERIC(10,2)
nr_net_revenue_per_bottle	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_volume_sold_liters	NUMERIC(10,2)
nr_volume_sold_gallons	NUMERIC(10,2)

Aggregate Tables - Sales Performance

mv_store_sales_performance

dt_date	DATE
nm_store_number	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)

mv_product_sales_performance

dt_date	DATE
nm_item_number	TEXT
nm_item_description	TEXT
nm_category	TEXT
nm_category_name	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)
nr_avg_retail_price	NUMERIC(10,2)

mv_vendor_sales_performance

dt_date	DATE
nm_vendor_number	TEXT
nm_vendor_name	TEXT
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_bottles_sold	INTEGER

mv_county_sales_performance

dt_date	DATE
nm_county	TEXT
nm_county_number	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)

ti_sales_transactions	
id_invoice_and_item_number	TEXT
dt_date	DATE
dt_day	TEXT
dt_month	TEXT
dt_quarter	TEXT
dt_year	DATE
dt_year_quarter	TEXT
dt_year_month	TEXT
dt_weekday	INTEGER
nm_store_number	TEXT
nm_store_name	TEXT
nm_address	TEXT
ds_city	TEXT
ds_state	TEXT
ds_region	TEXT
nm_zip_code	TEXT
nm_county	TEXT
nm_item_number	TEXT
ds_item_description	TEXT
nr_bottles_pack	INTEGER
nr_nm_bottle_volume	INTEGER
nm_category	TEXT
nm_category_name	TEXT
nm_vendor_number	TEXT
nm_vendor_name	TEXT
nr_bottles_sold	INTEGER
nr_state_bottle_cost	NUMERIC(10,2)
nr_state_bottle_retail	NUMERIC(10,2)
nr_sale_dollars	NUMERIC(10,2)
nr_net_revenue_per_bottle	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_volume_sold_liters	NUMERIC(10,2)
nr_volume_sold_gallons	NUMERIC(10,2)

mv_store_sales_performance	
dt_date	DATE
nm_store_number	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)

mv_product_sales_performance	
dt_date	DATE
nm_item_number	TEXT
nm_item_description	TEXT
nm_category	TEXT
nm_category_name	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)
nr_avg_retail_price	NUMERIC(10,2)

mv_vendor_sales_performance	
dt_date	DATE
nm_vendor_number	TEXT
nm_vendor_name	TEXT
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_bottles_sold	INTEGER

mv_county_sales_performance	
dt_date	DATE
nm_county	TEXT
nm_county_number	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)

mv_store_sales_performance	
dt_date	DATE
nm_store_number	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)

mv_product_sales_performance	
dt_date	DATE
nm_item_number	TEXT
nm_item_description	TEXT
nm_category	TEXT
nm_category_name	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)
nr_avg_retail_price	NUMERIC(10,2)

mv_vendor_sales_performance	
dt_date	DATE
nm_vendor_number	TEXT
nm_vendor_name	TEXT
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_bottles_sold	INTEGER

mv_county_sales_performance	
dt_date	DATE
nm_county	TEXT
nm_county_number	TEXT
nr_total_bottles_sold	INTEGER
nr_total_sale_dollars	NUMERIC(10,2)
nr_total_net_revenue	NUMERIC(10,2)
nr_total_volume_sold_liters	NUMERIC(10,2)
nr_total_volume_sold_gallons	NUMERIC(10,2)