1. **1-creating new database ToysRetailAnalysis.**
2. **2-importing CSV files to database**
3. **Verifying Data Import**

**SQL QUERY:**

SELECT TOP 10 \* FROM Products;

SELECT TOP 10 \* FROM Inventory;

SELECT TOP 10 \* FROM Stores;

SELECT TOP 10 \* FROM Sales;

SELECT TOP 10 \* FROM Calendar;

**--sales by products**

CREATE VIEW sales\_by\_products AS

select Product\_Name ,SUM(Units) as [total units sold]

from sales join products on sales.product\_id =products.product\_id

group by Product\_Name

**--stock on hand**

create view Stock\_On\_Hand as

SELECT Store\_Name, Product\_Name, SUM(Stock\_On\_Hand) AS Total\_Stock

FROM Inventory

JOIN Stores ON Inventory.Store\_ID = Stores.Store\_ID

JOIN Products ON Inventory.Product\_ID = Products.Product\_ID

GROUP BY Store\_Name, Product\_Name;

**--out of stock**

create view out\_of\_stock as

SELECT Store\_Name, Product\_Name, SUM(Stock\_On\_Hand) AS Total\_Stock

FROM Inventory

JOIN Stores ON Inventory.Store\_ID = Stores.Store\_ID

JOIN Products ON Inventory.Product\_ID = Products.Product\_ID

where Stock\_On\_Hand=0

GROUP BY Store\_Name, Product\_Name

**--sales by date**

create view sales\_by\_date as

select date ,sum(units) as total\_units\_sold

from sales

group by Date

**--sales by store**

create view sales\_by\_StoreCity as

select Store\_City ,sum(units) as total\_units\_sold

from sales

join stores on sales.Store\_ID =stores.Store\_ID

group by Store\_City