

Superstore SQL Project Submission

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-- SUPERSTORE SQL PROJECT

CREATE TABLE superstore (
    order_id VARCHAR(50),
    customer_name VARCHAR(100),
    category VARCHAR(50),
    region VARCHAR(50),
    sales FLOAT,
    profit FLOAT
);

INSERT INTO superstore VALUES
('CA-2016-152156','Claire Gute','Furniture','West',261.96,41.91),
('CA-2016-152156','Claire Gute','Furniture','West',731.94,219.58),
('CA-2016-138688','Darrin Van Huff','Office Supplies','West',14.62,6.87),
('US-2015-108966','Sean Miller','Technology','South',957.58,191.52),
('CA-2014-115812','Brosina Hoffman','Furniture','East',48.86,14.17);

-- View All Data
SELECT * FROM superstore;

-- Filter by Region
SELECT * FROM superstore WHERE region = 'West';

-- Sort by Sales
SELECT customer_name, sales FROM superstore ORDER BY sales DESC;

-- Total Sales by Category
SELECT category, SUM(sales) AS total_sales
FROM superstore GROUP BY category;

-- Average Profit by Region
SELECT region, AVG(profit) AS avg_profit
FROM superstore GROUP BY region;

-- Sales Above Average
SELECT * FROM superstore
WHERE sales > (SELECT AVG(sales) FROM superstore);

-- Create View
CREATE VIEW sales_summary AS
SELECT category, SUM(sales) AS total_sales
FROM superstore GROUP BY category;

SELECT * FROM sales_summary;
```