

Welcome to the Frosty_Friday Aggregation Policy challenge! You are tasked with creating SQL queries that comply with Snowflake's data [aggregation policy](#). Your queries should aggregate data from a given table or view, ensuring that each group meets the minimum size requirement specified in the aggregation policy.

About aggregation policy:

Snowflake offers a feature to share datasets while maintaining control over data usage through aggregation policies. These policies allow data owners to specify minimum group sizes for aggregation, enhancing data privacy and security.

Requirements:

1. Utilize SQL queries to aggregate data from the specified table or view.
2. Adhere to the allowed aggregation functions permitted by the aggregation policy.
3. Ensure that each group formed by the query contains at least the specified minimum number of records as per the aggregation policy.

Instructions:

1. Use the code below to create a sample table named **Sales_Records**
2. Define an aggregation policy with a minimum group size (X).
3. Create SQL queries that aggregate data from the chosen dataset, adhering to the aggregation policy requirements.
4. Test your queries to ensure compliance with the policy.

To create sample table Sales_Records

```
-- Create the Sales_Records table
CREATE TABLE Sales_Records (
    Order_ID INT,
    Product_Name VARCHAR(50),
    Product_Category VARCHAR(50),
    Quantity INT,
    Unit_Price DECIMAL(10,2),
    Customer_ID INT
);

-- Insert sample data into the Sales_Records table
INSERT INTO Sales_Records (Order_ID, Product_Name, Product_Category,
Quantity, Unit_Price, Customer_ID) VALUES
(1, 'Laptop', 'Electronics', 2, 1200.00, 101),
(2, 'Smartphone', 'Electronics', 1, 800.00, 102),
(3, 'Headphones', 'Electronics', 5, 50.00, 103),
(4, 'T-shirt', 'Apparel', 3, 20.00, 104),
(5, 'Jeans', 'Apparel', 2, 30.00, 105),
(6, 'Sneakers', 'Footwear', 1, 80.00, 106),
(7, 'Backpack', 'Accessories', 4, 40.00, 107),
(8, 'Sunglasses', 'Accessories', 2, 50.00, 108),
(9, 'Watch', 'Accessories', 1, 150.00, 109),
(10, 'Tablet', 'Electronics', 3, 500.00, 110),
(11, 'Jacket', 'Apparel', 2, 70.00, 111),
(12, 'Dress', 'Apparel', 1, 60.00, 112),
(13, 'Sandals', 'Footwear', 4, 25.00, 113),
(14, 'Belt', 'Accessories', 2, 30.00, 114),
(15, 'Speaker', 'Electronics', 1, 150.00, 115),
(16, 'Wallet', 'Accessories', 3, 20.00, 116),
(17, 'Hoodie', 'Apparel', 2, 40.00, 117),
(18, 'Running Shoes', 'Footwear', 1, 90.00, 118),
(19, 'Earrings', 'Accessories', 4, 15.00, 119),
(20, 'Ring', 'Accessories', 2, 50.00, 120);
```

May the aggregation be with you!