Sales Table

```sql
create database sales1;

use sales1;

CREATE TABLE Sales (

SaleID INT PRIMARY KEY,

Salesperson VARCHAR(50),

Region VARCHAR(50),

Product VARCHAR(50),

Quantity INT,

SaleAmount DECIMAL(10,2)

);


INSERT INTO Sales (SaleID, Salesperson, Region, Product, Quantity, SaleAmount) VALUES

(1,' Alice','North','Laptop',1,1000.00),

(2,'Bob','South','Mouse',3,75.00),

(3,'Alice', 'North', 'Monitor', 2, 300.00),

(4,'Charlie', 'East', 'Keyboard', 1, 50.00),

(5,'Bob','South', 'Monitor', 1, 150.00),

(6,'Alice', 'North', 'Mouse', 2, 50.00),

(7,'Charlie', 'East','Laptop', 2, 2000.00),

(8,'David', 'West', 'Laptop', 1, 1100.00),

(9,'David','West', 'Mouse', 4, 100.00),

(10,'Eve', 'South', 'Monitor', 3, 450.00),

(11,'Eve', 'South', 'Keyboard', 2, 100.00),

(12,'Eve', 'South', 'Mouse', 1, 25.00),

(13,'Alice', 'North', 'Keyboard', 1, 60.00),

(14,'Bob','South', 'Laptop', 1, 1200.00),

(15,'Charlie','East','Mouse', 2, 50.00);

SELECT Salesperson, SUM(Quantity) AS TotalQuantity

FROM Sales

GROUP BY Salesperson;
```

```sql
SELECT Salesperson, SUM(Quantity) AS TotalQuantity

FROM Sales

GROUP BY Salesperson

HAVING SUM(Quantity) > 5;

SELECT Salesperson, COUNT(Product) AS NumberOfProductsSold

FROM Sales

GROUP BY Salesperson;

SELECT Region, SUM(SaleAmount) AS TotalSales

FROM Sales

GROUP BY Region

HAVING SUM(SaleAmount) > 1000;

SELECT Salesperson, COUNT(*) AS Transactions

FROM Sales

GROUP BY Salesperson

HAVING COUNT(*) > 2;

SELECT Product, SUM(SaleAmount) AS TotalSales

FROM Sales

GROUP BY Product

HAVING SUM(SaleAmount) > 500;

SELECT Region, Product, SUM(Quantity) AS TotalQuantity

FROM Sales

GROUP BY Region, Product;

SELECT Salesperson, COUNT(DISTINCT Product) AS ProductTypes

FROM Sales

GROUP BY Salesperson

HAVING COUNT(DISTINCT Product) > 1;

SELECT Region, Product, AVG(Quantity) AS AvgQuantity

FROM Sales

GROUP BY Region, Product

HAVING AVG(Quantity) > 1;

SELECT Salesperson, SUM(SaleAmount) AS TotalSales
```

```sql
FROM Sales

GROUP BY Salesperson

HAVING SUM(SaleAmount) BETWEEN 500 AND 1500;


SELECT Product, SUM(Quantity) AS TotalQuantity

FROM Sales

GROUP BY Product

HAVING SUM(Quantity) > 3;

SELECT DISTINCT Salesperson

FROM Sales

WHERE Product = 'Laptop';

SELECT Salesperson, Region, SUM(SaleAmount) AS TotalSales

FROM Sales

GROUP BY Salesperson, Region

HAVING SUM(SaleAmount) > 500;

SELECT Salesperson, Region, COUNT(DISTINCT Product) AS ProductTypes

FROM Sales

GROUP BY Salesperson, Region

HAVING COUNT(DISTINCT Product) >= 2;

SELECT Product, COUNT(DISTINCT Region) AS RegionCount

FROM Sales

GROUP BY Product

HAVING COUNT(DISTINCT Region) > 1;

SELECT Product, COUNT(*) AS SalesCount

FROM Sales

GROUP BY Product

HAVING COUNT(*) >= 2;

SELECT Region, Salesperson, SUM(Quantity) AS TotalQuantity

FROM Sales

GROUP BY Region, Salesperson;

SELECT Salesperson, COUNT(*) AS Transactions, SUM(SaleAmount) AS TotalSales
```

```sql
FROM Sales

GROUP BY Salesperson

HAVING COUNT(*) > 3 AND SUM(SaleAmount) > 1000;

SELECT Region, AVG(SaleAmount) AS AvgSale

FROM Sales

GROUP BY Region

HAVING AVG(SaleAmount) > 200;

SELECT Region, Product, SUM(Quantity) AS TotalQuantity

FROM Sales

GROUP BY Region, Product

HAVING SUM(Quantity) > 3;
```