Sale table

create database ilakki;

use ilakki;

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);

use ilakki;

select \* from sales;

select salesperson, sum(Quantity) as total\_qty from sales group by salesperson;

select salesperson,sum(Quantity) from sales group by salesperson having sum(quantity)>5;

select salesperson, count(product) from sales group by salesperson;

select region,sum(saleamount) from sales group by region having sum(saleamount)>1000;

select salesperson, count(salesperson) from sales group by salesperson having count(salesperson)>2;

select sum(saleamount) from sales group by product having sum(saleamount)>500;

select region,product,sum(quantity) from sales group by region, product;

select salesperson ,count(product) from sales group by salesperson having count(product)>1;

select product, avg(quantity) from sales group by product having avg(quantity)>1;

use ilakki;

select salesperson, sum(saleamount) from sales group by salesperson having sum(saleamount)>500 and sum(saleamount)<1500;

select product,sum(quantity) from sales group by product having sum(quantity)>3 ;

select salesperson from sales where product="laptop";

select sum(saleamount) from sales group by salesperson,region having sum(saleamount)>500;

use ilakki;

select salesperson, count(product) from sales group by region, salesperson having count(product)>2;

select product, count(region) from sales group by product having count(region)>1;

select product,sum(quantity) from sales group by product having sum(quantity)>2;

select salesperson,region, sum(quantity) from sales group by region,salesperson;

use ilakki;

select salesperson, count(\*), sum(saleamount) from sales group by salesperson having sum(saleamount)>1000 and count(\*)>3;

select region,avg(saleamount) from sales group by region having avg(saleamount)>200;

select region, product, count(prooduct) group by product having count(product)>3;