Group By Clause

1. WAQ to display the brand and minimum product price from each brand.
2. WAQ to display the brand, lowest and highest price from each brand.
3. WAQ to display the brand and total number of products present in that particular brand.
4. WAQ to display category, maximum, minimum, and average price of products in each category.
5. WAQ to display the user id and total amount spent by each user on orders. For the orders which is Shipped.
6. WAQ to display brand name, lowest price, highest price and total number of products whose product id is greater than 5.
7. WAQ to display brand name, lowest price, highest price and total number of product whose product id is greater than 5 and display the result in descending order based on the brand name.

Having Clause

1. WAQ to display brand and highest price of the product whose product id is greater than or equal to 10 and whose maximum price is less than 3000
2. WAQ to display the brands with an average price greater than 1000 and number of products and has at least 2 products within the brand.
3. WAQ to display brand and highest price of the product whose product id is greater than or equal to 10 and whose brand maximum price is in range of 1000 to 10000
4. WAQ to display the brands where the average price of the products is 1000 or 1500 or 10000
5. WAQ to display the order date on which the different users placed the order on the same date.
6. WAQ to display order id where the total number of items is greater than 2.
7. WAQ to display the months in the format YYYY-MM where the total number of orders placed was greater than 2.
8. WAQ to display the product id that have a total quantity greater than 3 and an average price less than 5000.

Subqueries

1. WAQ to display the details of the most expensive product.
2. WAQ to display the names of products that have a higher price than the average price of all products.
3. WAQ to display the names of users who have never placed an order.
4. WAQ to display the names and emails of users who have placed an order with a total amount greater than 1000. Print the result in ascending order based on the first Name.
5. WAQ to display the emails of users who have placed orders on the same date as another user.
6. WAQ to display user ID and user name who have ordered more than two different products.

JOINS

1. WAQ to display the list of users and the total amount they have spent.
2. WAQ to display the list all users along with their order details including users who have never placed an order.
3. WAQ to display the names of products and the corresponding order IDs including products that have never been ordered and product price is less than 1000.
4. WAQ to display all the user along with products they have purchased and user who have not purchased any product
5. WAQ to display all users and their order details, including users who have never placed an order and orders placed by users that might no longer exist.