SELECT \* FROM retail\_dataset;

select Transaction\_ID, Date,  Customer\_ID from retail\_dataset;

SELECT DISTINCT(Product\_Category) FROM retail\_dataset;

SELECT DISTINCT(Gender) FROM retail\_dataset;

SELECT \* FROM retail\_dataset

WHERE AGE> 40;

SELECT \* FROM retail\_dataset

WHERE Price\_per\_Unit BETWEEN 100 AND 500;

SELECT \* FROM retail\_dataset

WHERE Product\_Category = 'Beauty' or Product\_Category = 'Eectronics';

SELECT \* FROM retail\_dataset

WHERE Product\_Category !=  'Clothing';

SELECT \* FROM retail\_dataset

WHERE  Quantity <= 3;

SELECT COUNT(Transaction\_ID) AS Total\_Transaction FROM retail\_dataset;

SELECT AVG(Age) Average\_Age FROM retail\_dataset;

select \* from retail\_dataset;

SELECT SUM(QUANTITY) AS Total\_quantity FROM retail\_dataset;

SELECT MAX(Total\_Amount) AS Max\_total\_amount FROM retail\_dataset;

SELECT MIN(Price\_per\_unit) AS Min\_price\_per\_unit FROM retail\_dataset;

SELECT Product\_Category,

      COUNT(Transaction\_ID)AS tOTAL\_TRANSACTION

FROM retail\_dataset

GROUP BY Product\_Category;

SELECT Gender,

      Sum(Total\_Amount) AS Total\_Revenue

 FROM retail\_dataset

 GROUP BY Gender;

  SELECT \* FROM retail\_dataset;

  SELECT Product\_Category,

        AVG(Price\_per\_unit)AS Average\_price

  FROM retail\_dataset

  GROUP BY Product\_Category;

  SELECT Product\_Category,

        AVG(Quantity) AS Average\_quantity

  FROM retail\_dataset

  GROUP BY Product\_Category

  HAVING AVG(Quantity) >2;

  SELECT Product\_Category,

        SUM(Total\_Amount)

  FROM retail\_dataset

  GROUP BY Product\_Category

  Having SUM(Total\_Amount) >10000;

  SELECT Product\_Category, Total\_Amount,

   CASE

   WHEN Total\_Amount > 1000 then 'High'

   ELSE 'Low'

   End as Spending\_level

   FROM retail\_dataset;

   SELECT \* FROM retail\_dataset;

SELECT Customer\_ID, Age,

   CASE

        WHEN Age < 30 THEN 'Youth'

        WHEN Age BETWEEN 30 AND 59 THEN 'Adult'

        WHEN Age >= 60 THEN 'Senior'

        ELSE NULL

   END AS Age\_Group

FROM retail\_dataset;