SALES FOR ECONOMY DATA ANALYSIS WITH SQL

SELECT \* FROM SalesDataforEconomy.SalesforEconomy;

SELECT

  Year,

  Product\_Category,

  COUNT(Product\_Category) AS count\_of\_products\_sold\_per\_year

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Year,

  Product\_Category

ORDER BY

  count\_of\_products\_sold\_per\_year;

SELECT

  Year,

  Sub\_Category,

  COUNT(Sub\_Category) AS count\_of\_subcategory\_of\_products\_sold\_per\_year

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Year,

  Sub\_Category

ORDER BY

  Sub\_Category;

SELECT

  Month,

  Product\_Category,

  COUNT(Product\_Category) AS count\_of\_products\_sold\_per\_month

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Month,

  Product\_Category

ORDER BY

  Month;

SELECT

  Month,

  Sub\_Category,

  COUNT(Sub\_Category) AS count\_of\_subcategory\_of\_products\_sold\_per\_month

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Month,

  Sub\_Category

ORDER BY

  count\_of\_subcategory\_of\_products\_sold\_per\_month DESC;

SELECT

  CONCAT(Year, '-', Month) AS year\_month,

  SUM(Revenue) AS sum\_of\_revenue

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  year\_month

ORDER BY

  sum\_of\_revenue DESC;

SELECT

  Customer\_Age,

  Product\_Category,

  COUNT(Product\_Category) AS count\_of\_product\_category

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Customer\_Age,

  Product\_Category

ORDER BY

  count\_of\_product\_category DESC;

SELECT

  Customer\_Age,

  Sub\_Category,

  COUNT(Sub\_Category) AS count\_of\_subcategory\_of\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Customer\_Age,

  Sub\_Category

ORDER BY

  count\_of\_subcategory\_of\_products DESC;

SELECT

  Customer\_Age,

  SUM(Revenue) AS total\_revenue\_per\_age

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Customer\_Age

ORDER BY

  total\_revenue\_per\_age DESC;

SELECT

  Customer\_Gender,

  Product\_Category,

  COUNT(Product\_Category) AS count\_of\_product\_category\_per\_gender

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Customer\_Gender,

  Product\_Category

ORDER BY

  Customer\_Gender;

SELECT

  Customer\_Gender,

  Sub\_Category,

  COUNT(Sub\_Category) AS count\_of\_subcategory\_per\_gender

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Customer\_Gender,

  Sub\_Category

ORDER BY

  Customer\_Gender;

SELECT

  Country,

  Product\_Category,

  SUM(Revenue) AS sum\_of\_revenue\_per\_country\_by\_product\_category

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Country,

  Product\_Category

ORDER BY

  sum\_of\_revenue\_per\_country\_by\_product\_category DESC;

SELECT

  Country,

  Sub\_Category,

  SUM(Revenue) AS sum\_of\_revenue\_per\_country\_by\_subcategory

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Country,

  Sub\_Category

ORDER BY

  sum\_of\_revenue\_per\_country\_by\_subcategory DESC;

SELECT

  Country,

  Year,

  SUM(Revenue) AS sum\_of\_revenue\_per\_country\_by\_year

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Country,

  Year

ORDER BY

  sum\_of\_revenue\_per\_country\_by\_year DESC;

SELECT

  Country,

  State,

  SUM(Revenue) AS sum\_of\_revenue\_per\_country\_by\_state

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Country,

  State

ORDER BY

  sum\_of\_revenue\_per\_country\_by\_state DESC;

SELECT

  Product\_Category,

  SUM(Revenue) AS sum\_of\_revenue\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Product\_Category

ORDER BY

  sum\_of\_revenue\_of\_different\_products DESC;

SELECT

  Sub\_Category,

  SUM(Revenue) AS sum\_of\_revenue\_of\_different\_sub\_category\_of\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Sub\_Category

ORDER BY

  sum\_of\_revenue\_of\_different\_sub\_category\_of\_products DESC;

SELECT

  Product\_Category,

  Sub\_Category,

  SUM(Quantity) AS sum\_of\_quantity\_of\_different\_category\_of\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Product\_Category,

  Sub\_Category

ORDER BY

  sum\_of\_quantity\_of\_different\_category\_of\_products DESC;

SELECT

  Product\_Category,

  SUM(Quantity) AS sum\_of\_quantity\_of\_different\_category\_of\_products,

  SUM(Revenue) AS sum\_of\_revenue\_of\_different\_sub\_category\_of\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Product\_Category;

SELECT

  Sub\_Category,

  SUM(Quantity) AS sum\_of\_quantity\_of\_different\_category\_of\_products,

  SUM(Revenue) AS sum\_of\_revenue\_of\_different\_sub\_category\_of\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Sub\_Category

ORDER BY

  sum\_of\_revenue\_of\_different\_sub\_category\_of\_products DESC;

SELECT

  Product\_Category,

  AVG(Unit\_Cost) AS avg\_of\_unit\_cost\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Product\_Category

ORDER BY

  avg\_of\_unit\_cost\_of\_different\_products DESC;

SELECT

  Sub\_Category,

  AVG(Unit\_Cost) AS avg\_of\_unit\_cost\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Sub\_Category

ORDER BY

  avg\_of\_unit\_cost\_of\_different\_products DESC;

SELECT

  Product\_Category,

  AVG(Unit\_Price) AS avg\_of\_unit\_price\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Product\_Category

ORDER BY

  avg\_of\_unit\_price\_of\_different\_products DESC;

SELECT

  Sub\_Category,

  AVG(Unit\_Price) AS avg\_of\_unit\_price\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Sub\_Category

ORDER BY

  avg\_of\_unit\_price\_of\_different\_products DESC;

SELECT

  Product\_Category,

  AVG(Unit\_Cost) AS avg\_of\_unit\_cost\_of\_different\_products,

  AVG(Unit\_Price) AS avg\_of\_unit\_price\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Product\_Category

ORDER BY

  avg\_of\_unit\_price\_of\_different\_products DESC;

SELECT

  Sub\_Category,

  AVG(Unit\_Cost) AS avg\_of\_unit\_cost\_of\_different\_products,

  AVG(Unit\_Price) AS avg\_of\_unit\_price\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Sub\_Category

ORDER BY

  avg\_of\_unit\_price\_of\_different\_products DESC;

SELECT

  Product\_Category,

  AVG(Cost) AS avg\_cost\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Product\_Category

ORDER BY

  avg\_cost\_of\_different\_products DESC;

SELECT

  Sub\_Category,

  AVG(Cost) AS avg\_cost\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Sub\_Category

ORDER BY

  avg\_cost\_of\_different\_products DESC;

SELECT

  Product\_Category,

  AVG(Cost) AS avg\_cost\_of\_different\_products,

  AVG(Revenue) AS avg\_revenue\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Product\_Category

ORDER BY

  avg\_revenue\_of\_different\_products DESC;

SELECT

  Sub\_Category,

  AVG(Cost) AS avg\_cost\_of\_different\_products,

  AVG(Revenue) AS avg\_revenue\_of\_different\_products

FROM

  `newproject-377218.SalesDataforEconomy.SalesforEconomy`

GROUP BY

  Sub\_Category

ORDER BY

  avg\_revenue\_of\_different\_products DESC;