Data Analytics SQL

Sehba khan

sehbakhan43@gmail.com

Data Analytics SQL

1. Total Revenue:

select sum(PurchasePrice) as Total_Revenue   from customer_purchase_data;

Total_Revenue
▶ 489274.7200000002

2. Top Customers:

SELECT CustomerID, CustomerName,   SUM(PurchaseQuantity) AS Total_Quantity,

 SUM(PurchasePrice) AS Total_Spent

FROM customer_purchase_data

GROUP BY CustomerID, CustomerName

ORDER BY Total_Spent DESC;

CustomerID	CustomerName	Total_Quantity	Total_Spent
▶ 388	Cynthia Park	1	989.51
221	Jennifer Rivera	1	978.71
529	Taylor Small	1	974.55
201	Amy Cervantes	1	961.85
695	Raymond Oconnor	1	949.52
241	Carolyn Howard	1	949.06
889	Phillip Miller	1	943.53
828	Katelyn Vargas	1	942.86
499	Charles Berg	1	937.32
741	Carol Obrien	1	933.07
386	Glenn Long	1	930.14
925	Javier Taylor	1	924.92
593	Ethan Villanueva	1	918.87
216	Thomas Wilson	1	907.81
450	Cynthia Bates	1	906.03
847	Victor Edwards	1	900.27
419	Richard Boyd	1	899.92
142	Samantha Cortez	1	897.63
723	Debbie Andrews	1	895.33

3.Total Purchase per Customer:

SELECT customerid, COUNT(*) AS total_purchases

FROM customer_purchase_data

GROUP BY customerid;

customerid	total_purchases
887	1
560	3
701	3
630	2
631	1
228	1
694	3
677	3
371	2
742	4
801	5
595	4
981	1
426	2
397	2
691	3
415	2

4. **Avgerage_Product_value :**

select sum(PurchasePrice) / count(distinct ProductID) as Avg_Product_value

from customer_purchase_data;

Avg_Product_value
4892.747200000002

5. Total Sales per Product:

SELECT ProductID, SUM(PurchaseQuantity * PurchasePrice) AS total_sales

FROM customer_purchase_data

GROUP BY ProductID;

ProductID	total_sales
240	21248.850000000002
299	8262.94
207	11486.57
290	17694.05
281	14525.09
282	29495.870000000003
277	13378.34
231	14030.42
220	24968.489999999998
291	17589.48
265	14712.860000000002
218	13801.49
230	13086.63
283	21820.700000000004
233	12687.289999999999
271	11687.45
270	11925.230000000001
250	15502.119999999999
260	23643.449999999997

6. Total Product Sold:

Select sum(PurchaseQuantity) as Total_Product_Sold

from customer_purchase_data;

Total_Product_Sold
3053