

```
create table amazon_sales (Region varchar, Country varchar, Item_Type varchar, Sales_Channel varchar,
Order_Priority varchar, Order_Date date, Order_ID numeric, Ship_Date date,
Units_Sold numeric, Unit_Price numeric, Unit_Cost numeric, Total_Revenue numeric,
Total_Cost numeric, Total_Profit numeric);
select * from amazon_sales;
```

-- Q1. Find out the Total Revenue.

Data Output

Messages

Notifications

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SQL

	total_revenue
1	137348768.31

The screenshot shows the 'Data Output' tab of a SQL editor. The table structure is as follows:

	avg_order_val	
1	1373487.683100000000	

	total_orders_placed
1	100

--Charts Requirement

-- Q1. Find out Daily Trend For Total Orders.

select to\_char(order\_date, 'day') as Order\_Day, count(distinct order\_id) as Total\_Orders from amazon\_sales group by to\_char(order\_date, 'day');

	order_day text	total_orders bigint
1	friday	19
2	monday	14
3	saturday	17
4	sunday	11
5	thursday	10
6	tuesday	18
7	wednesday	11

-- Q2. Find out Monthly Trend For Total Orders.

select to\_char(order\_date, 'month') as Order\_Month, count(distinct order\_id) as Total\_Orders from amazon\_sales group by to\_char(order\_date, 'month');

	order_month text	total_orders bigint
1	april	9
2	august	4
3	december	5
4	february	13
5	january	7
6	july	12
7	june	10
8	march	4
9	may	11
10	november	9
11	october	11
12	september	5




-- Q3. Calculate Percentage of Sales by Item Types.

select item\_type, sum(total\_revenue) \* 100 / (select sum (total\_revenue)from amazon\_sales) as POS\_ItemTypes from amazon\_sales group by item\_type;

	item_type character varying	pos_itemtypes numeric
1	Fruits	0.33963270711473626610
2	Beverages	1.9590962722918647
3	Vegetables	2.2490606199160899
4	Baby Food	7.5357993576171153
5	Clothes	5.6697216114991749
6	Cereal	3.8754616917903980
7	Cosmetics	26.6485896090377543
8	Meat	3.2790070165282285
9	Household	21.7619077752034047
10	Office Supplies	22.2684050584042693
11	Snacks	1.5149269160563031
12	Personal Care	2.8983913645406610




-- Q4. Calculate Percentage of Sales by Order Priority.

select order\_priority, sum(total\_revenue) \* 100 / (select sum (total\_revenue)from amazon\_sales) as POS\_OrderPriority from amazon\_sales group by order\_priority;

Data Output Messages Notifications		
		
	order_priority character varying	pos_orderpriority numeric
1	C	13.7278719583735887
2	H	35.4932531611575251
3	M	24.1109055126407780
4	L	26.6679693678281082




-- Q5. Calculate Percentage of Sales by Region.

select Region, sum(total\_revenue) \* 100 / (select sum (total\_revenue)from amazon\_sales) as POS\_Region from amazon\_sales group by Region;

Data Output Messages Notifications		
		
	region character varying	pos_region numeric
1	Asia	15.5422515124555178
2	Australia and Oceania	10.2616611007306965
3	Central America and the Caribbean	6.6767147625977863
4	North America	4.1087784182110661
5	Sub-Saharan Africa	28.8841552189671762
6	Middle East and North Africa	10.2314034213125591
7	Europe	24.2950355657251980




-- Q6. Find Out Top 5 Items by Revenue.

select item\_type, sum(total\_revenue) as Revenue from amazon\_sales group by item\_type order by Revenue Desc limit 5;

Data Output Messages Notifications		
		
	item_type character varying	revenue numeric
1	Fruits	466481.34
2	Snacks	2080733.46
3	Beverages	2690794.60
4	Vegetables	3089057.06
5	Personal Care	3980904.84

-- Q7. Find Out Bottom 5 Items by Revenue.

select item\_type, sum(total\_revenue) as Revenue from amazon\_sales group by item\_type order by Revenue limit 5;

Data Output Messages Notifications		
		
	item_type character varying	revenue numeric
1	Fruits	466481.34
2	Snacks	2080733.46
3	Beverages	2690794.60
4	Vegetables	3089057.06
5	Personal Care	3980904.84

-- Q8. Find Out Top 5 Items by Quantity.

select item\_type, sum(units\_sold) as Quantity from amazon\_sales group by item\_type order by Quantity Desc limit 5;

Data Output

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Notifications

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SQL

	item_type character varying	quantity numeric
1	Cosmetics	83718
2	Clothes	71260
3	Beverages	56708
4	Fruits	49998
5	Personal Care	48708

-- Q9. Find Out Bottom 5 Items by Quantity.

select item\_type, sum(units\_sold) as Quantity from amazon\_sales group by item\_type order by Quantity limit 5;

Data Output

Messages

Notifications

SQL

	item_type character varying	quantity numeric
1	Meat	10675
2	Snacks	13637
3	Vegetables	20051
4	Cereal	25877
5	Baby Food	40545