

ECOMERS TRANSACTION

1 -- TOP REGIN BY CATEGORY SALES

```
SELECT REGION, CATEGORY, SUM(AMOUNT) AS RE_AMOUNT
FROM ECOM
GROUP BY REGION, CATEGORY
ORDER BY RE_AMOUNT DESC
LIMIT 5
```

	region character varying (100) 🔒	category character varying (100) 🔒	re_amount numeric 🔒
1	South	Beauty	1312214.71
2	West	Home	1297713.14
3	East	Books	1294289.74
4	North	Beauty	1291982.50
5	North	Electronics	1277725.23

2--MONTHLY PAYMETHOD AMOUNT

```
SELECT DATE_TRUNC('MONTH', TRANSACTIONDATE) AS MONTH,
SUM(AMOUNT) AS TOTAL_REVENUE
FROM ECOM
GROUP BY MONTH
ORDER BY MONTH
```

	month timestamp with time zone 🔒	total_revenue numeric 🔒
1	2023-01-01 00:00:00+05:30	2192379.62
2	2023-02-01 00:00:00+05:30	1944152.41
3	2023-03-01 00:00:00+05:30	2172834.69
4	2023-04-01 00:00:00+05:30	2096084.56
5	2023-05-01 00:00:00+05:30	2136274.28
6	2023-06-01 00:00:00+05:30	2035236.06
7	2023-07-01 00:00:00+05:30	2100346.25
8	2023-08-01 00:00:00+05:30	2171453.36
9	2023-09-01 00:00:00+05:30	2089930.08
10	2023-10-01 00:00:00+05:30	2120599.91
11	2023-11-01 00:00:00+05:30	2017172.65
12	2023-12-01 00:00:00+05:30	2119502.60

3-- TOP PAYMENT METHOD AND REGION

```
SELECT PaymentMethod, REGION, SUM(AMOUNT) CARD_REVENUE
FROM ECOM
GROUP BY PaymentMethod, REGION
ORDER BY CARD_REVENUE DESC
LIMIT 5
```

	payment method character varying (100) 🔒	region character varying (100) 🔒	card_revenue numeric 🔒
1	Credit Card	East	1621601.02
2	Debit Card	South	1602587.76
3	PayPal	East	1593654.29
4	PayPal	South	1592920.56
5	PayPal	North	1591307.69

4-- CATEGORY SALE

```
SELECT CATEGORY, SUM(AMOUNT) AS CATEGORY_REVENUE
FROM ECOM
GROUP BY CATEGORY
ORDER BY CATEGORY_REVENUE DESC
```

	category character varying (100) 🔒	category_revenue numeric 🔒
1	Beauty	5108496.82
2	Home	5086922.25
3	Electronics	5013180.62
4	Books	5009120.38
5	Clothing	4978246.40

5-- TOTAL SPEND CUSTOMER

```
SELECT CUSTOMERID,  
SUM(AMOUNT) AS TOTAL_REVENUE  
FROM ECOM  
GROUP BY CUSTOMERID  
ORDER BY TOTAL_REVENUE DESC  
LIMIT 5
```

	customerid character varying (100) 🔒	total_revenue numeric 🔒
1	C04483	10355.07
2	C04938	10273.98
3	C04829	9916.01
4	C00992	9762.24
5	C02946	9689.35

6-- TOP 3 PRODUCTID SALE

```
SELECT PRODUCTID, SUM(AMOUNT) AS SALE_AMOUNT  
FROM ECOM  
GROUP BY PRODUCTID  
ORDER BY SALE_AMOUNT DESC  
LIMIT 3
```

	productid character varying (100) 🔒	sale_amount numeric 🔒
1	P003	5065304.37
2	P001	5053315.87
3	P005	5048125.75