TASK-4

1. Select customer names and their countries

	name character varying (100)	country character varying (50)
1	Amit	India
2	John	India
3	Sneha	India

2. Total sales by category

	category character varying (50)	total_sales numeric
1	Electronics	142500.00
2	Fashion	7000.00

3. INNER JOIN: Get all orders with customer names

	order_id integer	customer_name character varying (100)	total_amount numeric (12,2)
1	1004	Amit	62500.00
2	1001	Amit	60000.00
3	1002	Sneha	20000.00
4	1005	John	4000.00
5	1003	Rahul	3000.00

4. LEFT JOIN: Get all customers and their orders (if any)

	name character varying (100)	order_id integer	total_amount numeric (12,2)
1	Amit	1004	62500.00
2	Amit	1001	60000.00
3	Sneha	1002	20000.00
4	Rahul	1003	3000.00
5	Priya	[null]	[null]
6	John	1005	4000.00

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5. RIGHT JOIN (PostgreSQL only): Get all orders and their customers

	order_id integer	customer_name character varying (100)	total_amount numeric (12,2)
1	1004	Amit	62500.00
2	1001	Amit	60000.00
3	1002	Sneha	20000.00
4	1003	Rahul	3000.00
5	[null]	Priya	[null]
6	1005	John	4000.00

5. Customers who spent more than average order amount

	name character varying (100)	customer_id [PK] integer
1	Amit	1

6. Total Revenue

	total_revenue numeric
1	149500.00

7. Average order amount per customer

	customer_id integer	avg_order_amount numeric
1	1	61250.000000000000
2	3	3000.0000000000000000
3	5	4000.0000000000000000
4	2	20000.000000000000