1) Data Access Agent

Question to Agent:

Compare gross sales and net sales by States and show me top 5 for each along with their managers.

Category: Deterministic QnA which needs some intelligence

Output:

Compare gross sales and net sales by States and show me top 5 for each along with their managers.

✓ sql_db_list_tables:

✓ sql_db_schema: state_managers, orders, category_managers, state_managers, c...

✓ sql_db_query: SELECT s.State/Province, s.Manager, SUM(o.Sales) AS Gross_Sa...

✓ sql_db_query_checker: SELECT s.State/Province, s.Manager, SUM(o.Sales) AS Gross_Sa...

✓ sql_db_query: SELECT s. State/Province , s.Manager, SUM(o.Sales) AS Gross_...

✓ Complete!

The final answer to the question is:

The top 5 states with their corresponding managers along with their gross sales and net sales are:
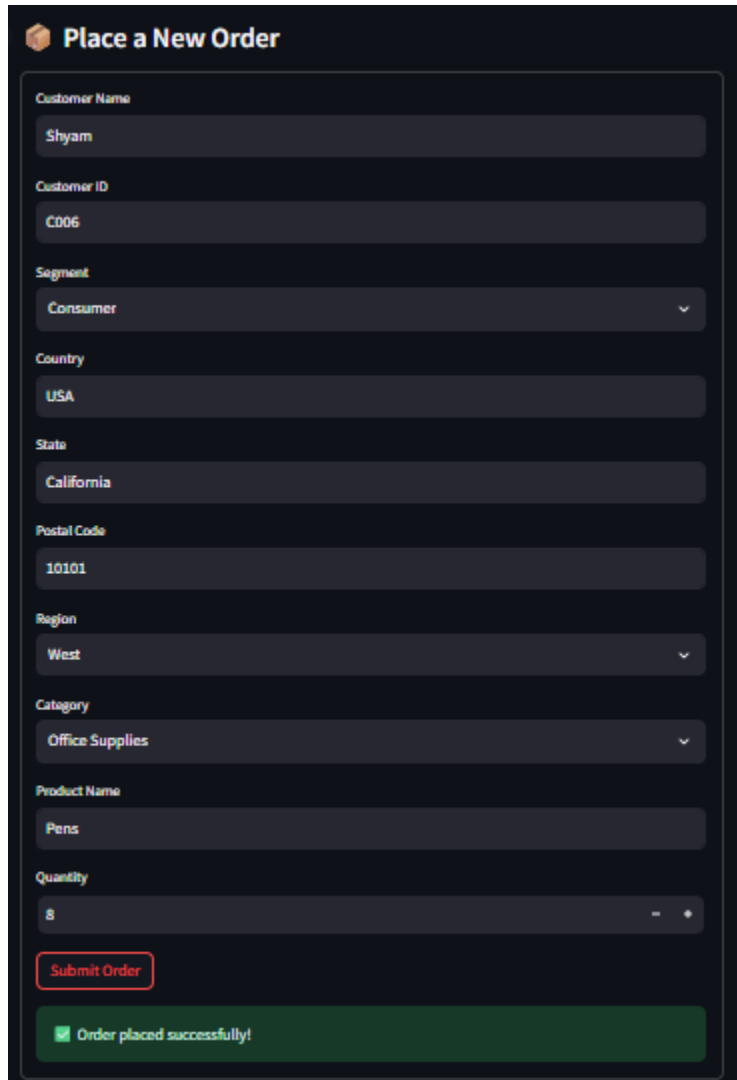
1. California, Terry Donald, 4463263.176999866, 4461833.626999859
2. New York, Dakota Williams, 2924158.5229999437, 2923568.422999949
3. Texas, Aabir Das, 1628155.053399983, 1624593.973399975
4. Washington, Deepa Rathi, 1397394.6779999826, 1397064.2779999783
5. Pennsylvania, Guru Deb, 1113269.4509999976, 1111395.0509999944

Note: The actual numbers may vary as the data is fictional.

2.1) Customer Success Agent (Normal Version)

Category: Deterministic QnA which needs some intelligence

Output:

Customer_Name	Customer_ID	Segment	Country	State	Postal_Code	Region	Category	Product_Name	Quantity	Purchase_Date	Delive
John Doe	C001	Consumer	USA	California	90001	West	Technology	Laptop	2	2025-08-10	YES
Alice Smith	C002	Corporate	USA	Texas	73301	Central	Furniture	Office Chair	5	2025-08-12	NO
Michael Johnson	C003	Home Office	USA	New York	10001	East	Office Supplies	Printer Paper	10	2025-08-15	YES
Sophia Brown	C004	Consumer	USA	Florida	33101	South	Technology	Smartphone	1	2025-08-18	YES
David Lee	C005	Corporate	USA	Illinois	60601	Central	Furniture	Standing Desk	3	2025-08-20	NO
Prabhas	123	Home Office	US	TX	73301	East	Furniture	Chairs	4	2025-08-21	NO
Shyam	C006	Consumer	USA	California	10101	West	Office Supplies	Pens	8	2025-08-21	NO

Note: Last record is added in SQL DB Table as Shyam's Order.

2.2) Customer Success Agent (Chatbot Version)
Question: Insert a new order for Customer_ID C-007, Customer_Name Dhoni, Segment Consumer, Country USA, State California, Postal Code 90001, Region West, Category Technology, Product Logitech Mouse, Quantity 2. Mark Delivered as NO

Category: Deterministic QnA which needs some intelligence

Output:

💬 Ask your question (restricted to orders_2)

Natural language to SQL (agent will generate & execute on orders_2):

Insert a new order for Customer_ID C-007, Customer_Name Dhoni, Segment Consumer, Country USA, State California, Postal Code 90001, Region West, Category Technology, Product Logitech Mouse, Quantity 2. Mark Delivered as NO

Run		Clear output

✓ sql_db_list_tables:

✓ sql_db_schema: orders_2

✓ sql_db_query: INSERT INTO orders_2 (Customer_ID, Customer_Name, Segment, C...

✓ sql_db_query_checker: INSERT INTO orders_2 (Customer_ID, Customer_Name, Segment, C...

✓ Complete!

✅ **Answer**

The SQL query to insert a new order for Customer_ID C-007, Customer_Name Dhoni, Segment Consumer, Country USA, State California, Postal Code 90001, Region West, Category Technology, Product Logitech Mouse, Quantity 2, and mark Delivered as NO is:

INSERT INTO orders_2 (Customer_ID, Customer_Name, Segment, Country, State, Postal_Code, Region, Category, Product_Name, Quantity, Delivered) VALUES ('C-007', 'Dhoni', 'Consumer', 'USA', 'California', '90001', 'West', 'Technology', 'Logitech Mouse', 2, 'NO')

This query is valid and should be executed without any issues.

Customer_Name	Customer_ID	Segment	Country	State	Postal_Code	Region	Category	Product_Name	Quantity	Purchase_Date	Delive
John Doe	C001	Consumer	USA	California	90001	West	Technology	Laptop	2	2025-08-10	YES
Alice Smith	C002	Corporate	USA	Texas	73301	Central	Furniture	Office Chair	5	2025-08-12	NO
Michael Johnson	C003	Home Office	USA	New York	10001	East	Office Supplies	Printer Paper	10	2025-08-15	YES
Sophia Brown	C004	Consumer	USA	Florida	33101	South	Technology	Smartphone	1	2025-08-18	YES
David Lee	C005	Corporate	USA	Illinois	60601	Central	Furniture	Standing Desk	3	2025-08-20	NO
Prabhas	123	Home Office	US	TX	73301	East	Furniture	Chairs	4	2025-08-21	NO
Shyam	C006	Consumer	USA	California	10101	West	Office Supplies	Pens	8	2025-08-21	NO
Dhoni	C-007	Consumer	USA	California	90001	West	Technology	Logitech Mouse	2	NULL	NO

Note: Last record is added in SQL DB Table as Dhoni's Order.

3) HR Agent

Question to Agent:

Customer from California by the name "Lycoris Saunders" is dissatisfied with customer service and has requested for the escalation chain of command. Provide the same based on the org hierarchy.

Category: RPA / Tool Integration

Output: