

1.

my\_data\_entri  
new\_data  
product

Administration Schemas

Information

**Table: employee**

**Columns:**  
**Emp\_id** int PK  
Emp\_name varchar(60)  
Position varchar(100)  
Salary decimal(10,2)  
**Branch\_no** int

Object Info Session

91

92 • `select book_title,category,rental_price from books where Status='yes';`

Result Grid Filter Rows: Export: Wrap Cell Content: I A

book_title	category	rental_price
Book C	History	12.00
Book D	Science	18.00
Book A	Fiction	15.50

books 3 x

Output

Action Output

#	Time	Action	Message
✓ 24	16:57:04	select * from books LIMIT 0, 1000	5 row(s) returned
✓ 25	16:58:01	select book_title,category,rental_price from books where Status='yes' LIMIT 0, 1000	3 row(s) returned

2.

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Administration Schemas

Information

**Table: employee**

**Columns:**  
**Emp\_id** int PK  
Emp\_name varchar(60)  
Position varchar(100)  
Salary decimal(10,2)  
**Branch\_no** int

Object Info Session

93

94 • `select Emp_name,salary from employee order by salary desc;`

Result Grid Filter Rows: Export: Wrap Cell Content: I A

Emp_name	salary
Alice Johnson	60000.00
David Wilson	55000.00
Bob Smith	45000.00
Eve Davis	42000.00
Charlie Brown	40000.00

employee 4 x

Output

Action Output

#	Time	Action	Message
✓ 25	16:58:01	select book_title,category,rental_price from books where Status='yes' LIMIT 0, 1000	3 row(s) returned
✓ 26	17:01:38	select Emp_name,salary from employee order by salary desc LIMIT 0, 1000	5 row(s) returned

3.

SQL Server Enterprise Manager interface showing a query execution for the **issuestatus** table.

**Table: issuestatus**

**Columns:**

- Issue\_id** int PK
- Issued\_cust\_id** int
- Issued\_book\_name** varchar
- Issue\_date** date
- Isbn\_book** varchar

**SQL Query:**

```

select Books.Book_title, Customer.Customer_name
from IssueStatus
join Books on IssueStatus.Isbn_book = Books.ISBN
join Customer on IssueStatus.Issued_cust_id = Customer.Customer_Id;
  
```

**Result Grid:**

Book_title	Customer_name
Book B	John Doe
Book A	Jane Smith
Book D	Michael Johnson
Book C	Emily Brown
Book E	Sarah Wilson

**Output:**

#	Time	Action	Message
30	19:06:41	select * from issuestatus LIMIT 0, 1000	5 row(s) returned
31	19:08:16	select Books.Book_title, Customer.Customer_name from IssueStatus join Books on IssueStatus.Isbn_book = B...	5 row(s) returned

4.

SQL Server Enterprise Manager interface showing a query execution for the **books** table.

**Table: books**

**Columns:**

- ISBN** varchar(50) PK
- Book\_title** varchar(200)
- Category** varchar(200)
- Rental\_Price** decimal(10,2)
- Status** varchar(3)
- Author** varchar(200)
- Publisher** varchar(200)

**SQL Query:**

```

select category, count(*) as total_count_of_books from books group by category;
  
```

**Result Grid:**

category	total_count_of_books
History	1
Science	1
Fantasy	1
Non-Fiction	1
Fiction	1

**Output:**

#	Time	Action	Message
32	19:12:49	select * from books LIMIT 0, 1000	5 row(s) returned
33	19:14:47	select category, count(*) as total_count_of_books from books group by category LIMIT 0, 1000	5 row(s) returned

5.

new\_data  
product

Administration Schemas

Information

Table: **employee**

Columns:

- Emp\_id int PK
- Emp\_name varchar(60)
- Position varchar(100)
- Salary decimal(10,2)
- Branch\_no int

Object Info Session

104

105 • `select emp_name,position from employee where salary>50000;`

Result Grid

emp_name	position
Alice Johnson	Manager
David Wilson	Manager

employee 10 x

Output

Action Output

#	Time	Action	Message
35	19:17:55	select emp_name,position from employees having salary>50000 LIMIT 0, 1000	Error Code: 1146. Table 'library.employees' doesn't exist
36	19:18:29	select emp_name,position from employee where salary>50000 LIMIT 0, 1000	2 row(s) returned

6.

views  
Stored Procedures  
Functions

my\_data  
my\_data\_entri  
new\_data  
product

Administration Schemas

Information

Table: **issuestatus**

Columns:

- Issue\_id int PK
- Issued\_cust\_id int
- Issued\_book\_name varchar
- Issue\_date date
- isbn\_book varchar

Object Info Session

107

108 • `select customer.customer_name from customer`

109 `left join issuestatus on customer.customer_id=issuestatus.issued_cust_id`

110 `where customer.reg_date < 2022-01-01 and issuestatus.issue_id is null ;`

111

Result Grid

customer_name
---------------

Result 15 x

Output

Action Output

#	Time	Action	Message
40	19:29:05	SELECT Customer.Customer_name FROM Customer LEFT JOIN IssueStatus ON Customer.Customer_id = Issu...	0 row(s) returned
41	19:29:11	select customer.customer_name from customer left join issuestatus on customer.customer_id=issuestatus.issue...	0 row(s) returned

7.

my\_data\_entri  
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Administration Schemas

Information

Table: **branch**

Columns:

- Branch\_no int PK
- Manager\_id int
- Branch\_address varchar(300)
- Contact\_no varchar(50)

Object Info Session

111

112 • `select branch_no,count(*) as total_count_of_employees from employee group by branch_no;`

Result Grid

branch_no	total_count_of_employees
1	2
2	2
3	1

Result 16 x

Output

Action Output

#	Time	Action	Message
41	19:29:11	select customer.customer_name from customer left join issuestatus on customer.customer_id=issuestatus.issue...	0 row(s) returned
42	19:32:43	select branch_no,count(*) as total_count_of_employees from employee group by branch_no LIMIT 0, 1000	3 row(s) returned

8.

my\_data  
my\_data\_entri  
new\_data  
product

Administration Schemas

Information

**Table: issuestatus**

**Columns:**

Column	PK	Length
Issue_id	int	PK
Issued_cust_id	int	
Issued_book_name	varchar	
Issue_date	date	
Isbn_book	varchar	

```

114 • select customer.customer_name
115 from issuestatus inner join customer on IssueStatus.Issued_cust_id = Customer.Customer_Id
116 where issue_date between '2023-06-01' AND '2023-06-30';

```

Result Grid

customer_name
John Doe
Jane Smith
Michael Johnson
Emily Brown
Sarah Wilson

Result 17

Output

Action Output

#	Time	Action	Message
42	19:32:43	select branch_no,count(*) as total_count_of_employees from employee group by branch_no LIMIT 0, 1000	3 row(s) returned
43	19:38:19	select customer.customer_name from issuestatus inner join customer on IssueStatus.Issued_cust_id = Custom...	5 row(s) returned

Object Info Session

9.

my\_data\_entri  
new\_data  
product

Administration Schemas

Information

**Table: books**

**Columns:**

Column	PK	Length
ISBN	varchar(50)	PK
Book_title	varchar(200)	
Category	varchar(200)	
Rental_Price	decimal(10, 2)	
Status	varchar(3)	
Author	varchar(200)	
Publisher	varchar(200)	

```

117
118 • select book_title from books where category='history';

```

Result Grid

book_title
Book C

books 20

Output

Action Output

#	Time	Action	Message
45	19:42:10	select * from books LIMIT 0, 1000	5 row(s) returned
46	19:42:22	select book_title from books where category='history' LIMIT 0, 1000	1 row(s) returned

Object Info Session

10.

my\_data  
my\_data\_entri  
new\_data  
product

Administration Schemas

Information

Table: **employee**

Columns:

- Emp\_id int PK
- Emp\_name varchar(60)
- Position varchar(100)
- Salary decimal(10,2)
- Branch\_no int

Object Info Session

```

119
120 • select branch_no,count(*) as count_of_employees from employee
121 group by branch_no having count(*)>5;

```

Result Grid

branch_no	count_of_employees
-----------	--------------------

Result 22 x

Output

Action Output

#	Time	Action	Message
49	19:50:02	select branch_no,count(*) as count_of_employees from employee group by branch_no having count(*)>5 LIM...	0 row(s) returned
50	19:50:12	select branch_no,count(*) as count_of_employees from employee group by branch_no having count(*)>5 LIM...	0 row(s) returned

11.

Functions  
my\_data  
my\_data\_entri  
new\_data  
product

Administration Schemas

Information

Table: **issuestatus**

Columns:

- Issue\_id int PK
- Issued\_cust\_id int
- Issued\_book\_name varchar
- Issue\_date date
- Isbn\_book varchar

Object Info Session

```

123
124 • select Employee.Emp_name, Branch.Branch_address
125 from Employee
126 join Branch on Employee.Emp_Id = Branch.Manager_Id;

```

Result Grid

Emp_name	Branch_address
----------	----------------

Result 41 x

Output

Action Output

#	Time	Action	Message
69	20:35:29	select Customer.Customer_name from IssueStatus join Books on IssueStatus.Isbn_book = Books.ISBN join Cus...	0 row(s) returned
70	20:37:23	select Employee.Emp_name, Branch.Branch_address from Employee join Branch on Employee.Emp_Id = Bran...	0 row(s) returned

12.

Views  
Stored Procedures  
Functions  
my\_data  
my\_data\_entri  
new\_data  
product

Administration Schemas

Information: Table: **issuestatus**  
Columns:  
Issue\_id int PK  
Issued\_cust\_id int  
Issued\_book\_name varchar  
Issue\_date date  
Isbn\_book varchar

```
128 • select Customer.Customer_name
129 from IssueStatus
130 join Books on IssueStatus.Isbn_book = Books.ISBN
131 join Customer on IssueStatus.Issued_cust_id = Customer.Customer_Id
132 where Books.Rental_Price > 25;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Customer_name
---------------

Result 42 x

Output

Action Output

#	Time	Action	Message
70	20:37:23	select Employee.Emp_name, Branch.Branch_address from Employee join Branch on Employee.Emp_Id = Bran...	0 row(s) returned
71	20:39:24	select Customer.Customer_name from IssueStatus join Books on IssueStatus.Isbn_book = Books.ISBN join Cus...	0 row(s) returned

Object Info Session