



Navigator

SCHEMAS

Filter objects

- ▶ ailead_2024
- ▶ creating_tables
- ▼ data_analytics_batchb
 - Tables
 - ▶ gg_employee
 - ▶ owner
 - ▶ property
 - ▶ service
 - Views
 - Stored Procedures

Administration Schemas

Information

Schema: creating_tables

Query 1 x gg_employee sql-project-insert (1)

Limit to 1000 rows

```
1 • use data_analytics_batchb;
2 /*1. Show all owner information.*/
3 • SELECT OwnerID, OwnerName, OwnerEmail, OwnerType FROM OWNER;
4
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	OwnerID	OwnerName	OwnerEmail	OwnerType
▶	1	Mary Jones	Mary.Jones@somewhere.com	Individual
	2	DT Enterprises	DTE@dte.com	Corporation
	3	Sam Douglas	NULL	Individual
	4	UNY Enterprises	UNYE@unye.com	Corporation
	5	Doug Samuels	Doug.Samuels@somewhere.com	Individual

OWNER 1 x

Output

Action Output

	#	Time	Action	Message
✓	1	06:21:31	SELECT * FROM data_analytics_batchb.gg_employee LIMIT 0, 1000	5 row(s) returned
✓	2	06:34:05	use data_analytics_batchb	0 row(s) affected
✓	3	06:34:53	SELECT OwnerID, OwnerName, OwnerEmail, OwnerType FROM OWNER LIMIT 0, 1000	5 row(s) returned



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Administration Schemas

Information

Schema: creating_tables

Query 1 x gg_employee sql-project-insert (1)

Limit to 1000 rows

```
1 • use data_analytics_batchb;
2   /*1. Show all owner information.*/
3 • SELECT OwnerID, OwnerName, OwnerEmail, OwnerType FROM OWNER;
4   /*Show all OwnerName and OwnerEmail.*/
5 • SELECT OwnerName, OwnerEmail FROM OWNER;
6
```

Result Grid

	OwnerName	OwnerEmail
▶	Mary Jones	Mary.Jones@somewhere.com
	DT Enterprises	DTE@dte.com
	Sam Douglas	NULL
	UNY Enterprises	UNYE@unye.com
	Doug Samuels	Doug.Samuels@somewhere.com

OWNER 2 x

Output

Action Output

#	Time	Action	Message
✓ 1	06:21:31	SELECT * FROM data_analytics_batchb.gg_employee LIMIT 0, 1000	5 row(s) returned
✓ 2	06:34:05	use data_analytics_batchb	0 row(s) affected
✓ 3	06:34:53	SELECT OwnerID, OwnerName, OwnerEmail, OwnerType FROM OWNER LIMIT 0, 1000	5 row(s) returned
✓ 4	06:38:34	SELECT OwnerName, OwnerEmail FROM OWNER LIMIT 0, 1000	5 row(s) returned

new connection - Warning - n... x

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Administration Schemas

Information

Schema: creating_tables

Query 1 x

```
1 /*3. Show all OwnerName and OwnerEmail which OwnerType is 'Corporation'.*/
2 • SELECT OwnerName, OwnerEmail, OwnerType
3 FROM OWNER
4 WHERE OwnerType = 'Corporation';
5
```

Limit to 1000 rows

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [FA](#)

	OwnerName	OwnerEmail	OwnerType
▶	DT Enterprises	DTE@dte.com	Corporation
	UNY Enterprises	UNYE@unye.com	Corporation

OWNER 5 x

Output

Action Output

	#	Time	Action	Message
✓	1	06:21:31	SELECT * FROM data_analytics_batchb.gg_employee LIMIT 0, 1000	5 row(s) returned
✓	2	06:34:05	use data_analytics_batchb	0 row(s) affected
✓	3	06:34:53	SELECT OwnerID, OwnerName, OwnerEmail, OwnerType FROM OWNER LIMIT 0, 1000	5 row(s) returned
✓	4	06:38:34	SELECT OwnerName, OwnerEmail FROM OWNER LIMIT 0, 1000	5 row(s) returned
✓	5	06:41:19	SELECT OwnerName, OwnerEmail FROM OWNER WHERE OwnerType = 'Corporation' LIM...	2 row(s) returned
✓	6	06:41:26	SELECT OwnerName, OwnerEmail FROM OWNER WHERE OwnerType = 'Corporation' LIM...	2 row(s) returned
✓	7	06:41:49	SELECT OwnerName, OwnerEmail, OwnerType FROM OWNER WHERE OwnerType = 'Corp...	2 row(s) returned
✓	8	06:42:25	SELECT * FROM data_analytics_batchb.owner LIMIT 0, 1000	5 row(s) returned

Object Info Session

new connection - Warning - n... x

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Information

Schema: creating_tables

Query 1 x

Limit to 1000 rows

```
1 /*Show PropertyID and ServiceDate for all services have HoursWorked more than 4.*/
2 SELECT PropertyID, ServiceDate, HoursWorked
3 FROM SERVICE
4 WHERE HoursWorked > 4;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	PropertyID	ServiceDate	HoursWorked
▶	1	2012-05-05 00:00:00	4.50
	3	2012-05-08 00:00:00	4.50
	5	2012-05-12 00:00:00	7.50

SERVICE 7 x

Output

Action Output

	#	Time	Action	Message
✓	3	06:34:53	SELECT OwnerID, OwnerName, OwnerEmail, OwnerType FROM OWNER LIMIT 0, 1000	5 row(s) returned
✓	4	06:38:34	SELECT OwnerName, OwnerEmail FROM OWNER LIMIT 0, 1000	5 row(s) returned
✓	5	06:41:19	SELECT OwnerName, OwnerEmail FROM OWNER WHERE OwnerType = 'Corporation' LI...	2 row(s) returned
✓	6	06:41:26	SELECT OwnerName, OwnerEmail FROM OWNER WHERE OwnerType = 'Corporation' LI...	2 row(s) returned
✓	7	06:41:49	SELECT OwnerName, OwnerEmail, OwnerType FROM OWNER WHERE OwnerType = 'Cor...	2 row(s) returned
✓	8	06:42:25	SELECT * FROM data_analytics_batchb.owner LIMIT 0, 1000	5 row(s) returned
✓	9	06:44:09	SELECT PropertyID, ServiceDate FROM SERVICE WHERE HoursWorked > 4 LIMIT 0, 1000	3 row(s) returned
✓	10	06:44:36	SELECT PropertyID, ServiceDate, HoursWorked FROM SERVICE WHERE HoursWorked >...	3 row(s) returned

Object Info Session

new connection - Warning - n...

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Schema: creating_tables

Query 1

```
1 /*5. Show PropertyID and ServiceDate for all services have HoursWorked between 4 and 6.*/
2 SELECT PropertyID, ServiceDate, HoursWorked
3 FROM SERVICE
4 WHERE HoursWorked BETWEEN 4 AND 6;
```

Result Grid

	PropertyID	ServiceDate	HoursWorked
▶	1	2012-05-05 00:00:00	4.50
	3	2012-05-08 00:00:00	4.50

SERVICE 9

Output

Action Output

#	Time	Action	Message
✓ 5	06:41:19	SELECT OwnerName, OwnerEmail FROM OWNER WHERE OwnerType = 'Corporation' LI...	2 row(s) returned
✓ 6	06:41:26	SELECT OwnerName, OwnerEmail FROM OWNER WHERE OwnerType = 'Corporation' LI...	2 row(s) returned
✓ 7	06:41:49	SELECT OwnerName, OwnerEmail, OwnerType FROM OWNER WHERE OwnerType = 'Cor...	2 row(s) returned
✓ 8	06:42:25	SELECT * FROM data_analytics_batchb.owner LIMIT 0, 1000	5 row(s) returned
✓ 9	06:44:09	SELECT PropertyID, ServiceDate FROM SERVICE WHERE HoursWorked > 4 LIMIT 0, 1000	3 row(s) returned
✓ 10	06:44:36	SELECT PropertyID, ServiceDate, HoursWorked FROM SERVICE WHERE HoursWorked >...	3 row(s) returned
✓ 11	06:47:59	SELECT PropertyID, ServiceDate FROM SERVICE WHERE HoursWorked BETWEEN 4 A...	2 row(s) returned
✓ 12	06:48:24	SELECT PropertyID, ServiceDate, HoursWorked FROM SERVICE WHERE HoursWorked B...	2 row(s) returned

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Administration Schemas

Information

Schema: creating_tables

Query 1 x



```
1 /*6. Count how many services have HoursWorked more than 4.*/
2 SELECT COUNT(*) AS Num_Services
3 FROM SERVICE
4 WHERE HoursWorked > 4;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	Num_Services
▶	3

Result 10 x

Output

Action Output

	#	Time	Action	Message
✓	6	06:41:26	SELECT OwnerName, OwnerEmail FROM OWNER WHERE OwnerType = 'Corporation' LI...	2 row(s) returned
✓	7	06:41:49	SELECT OwnerName, OwnerEmail, OwnerType FROM OWNER WHERE OwnerType = 'Cor...	2 row(s) returned
✓	8	06:42:25	SELECT * FROM data_analytics_batchb.owner LIMIT 0, 1000	5 row(s) returned
✓	9	06:44:09	SELECT PropertyID, ServiceDate FROM SERVICE WHERE HoursWorked > 4 LIMIT 0, 1000	3 row(s) returned
✓	10	06:44:36	SELECT PropertyID, ServiceDate, HoursWorked FROM SERVICE WHERE HoursWorked >...	3 row(s) returned



Navigator

SCHEMAS

Filter objects

▶ ailead_2024

▶ creating_tables

▼ data_analytics_batchb

▼ Tables

▶ gg_employee

▶ owner

▶ property

▶ service

Views

Stored Procedures

Administration Schemas

Information

Schema: creating_tables

Query 1

Limit to 1000 rows

```
1      /*7. Count how many distinct ExperienceLevel in EMPLOYEE table.*/
2      SELECT COUNT(DISTINCT ExperienceLevel) AS Num_ExperienceLevels
3      FROM GG_EMPLOYEE;
```

<

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



Num_ExperienceLevels

▶ 3

Result 11

Output



Action Output

	#	Time	Action	Message
✓	11	06:47:59	SELECT PropertyID, ServiceDate FROM SERVICE WHERE HoursWorked BETWEEN 4 A...	2 row(s) returned
✓	12	06:48:24	SELECT PropertyID, ServiceDate, HoursWorked FROM SERVICE WHERE HoursWorked B...	2 row(s) returned
✓	13	06:49:45	SELECT COUNT(*) AS Num_Services FROM SERVICE WHERE HoursWorked > 4 LIMIT 0...	1 row(s) returned
✓	14	06:51:33	SELECT COUNT(DISTINCT ExperienceLevel) AS Num_ExperienceLevels FROM GG_EMP...	1 row(s) returned

Object Info

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Administration Schemas

Information

Schema: creating_tables

Query 1

Limit to 1000 rows

```
1 /*8. Show all employees with CellPhone containing '254' and the ExperienceLevel is Senior.*/
2 SELECT *
3 FROM GG_EMPLOYEE
4 WHERE CellPhone LIKE '%254%' AND ExperienceLevel = 'Senior';
5
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	EmployeeID	LastName	FirstName	CellPhone	ExperienceLevel
▶	2	Evanston	John	206-254-2345	Senior
	5	Fontaine	Joan	206-254-4567	Senior
*	NULL	NULL	NULL	NULL	NULL

GG_EMPLOYEE 12

Output

Action Output

	#	Time	Action	Message
✓	12	06:48:24	SELECT PropertyID, ServiceDate, HoursWorked FROM SERVICE WHERE HoursWorked B...	2 row(s) returned
✓	13	06:49:45	SELECT COUNT(*) AS Num_Services FROM SERVICE WHERE HoursWorked > 4 LIMIT 0...	1 row(s) returned
✓	14	06:51:33	SELECT COUNT(DISTINCT ExperienceLevel) AS Num_ExperienceLevels FROM GG_EMP...	1 row(s) returned
✓	15	06:53:15	SELECT * FROM GG_EMPLOYEE WHERE CellPhone LIKE '%254%' AND ExperienceLevel...	2 row(s) returned

new connection - Warning - n...

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 x

Limit to 1000 rows

```
1 /*9. Show all properties not in city 'Seattle' or 'Bellevue'.*/
2 SELECT *
3 FROM PROPERTY
4 WHERE City NOT IN ('Seattle', 'Bellevue');
```

Administration Schemas

Information

Schema: creating_tables

Result Grid

	PropertyID	PropertyName	Street	City	State	ZIP	OwnerID
▶	2	Elm St Apts	4 East Elm	Lynwood	WA	98223	1
	4	Lake View Apts	1265 32nd Avenue	Redmond	WA	98052	3
	5	Kodak Heights Apts	65 32nd Avenue	Rochester	NY	14604	4
	8	Private Residence	567 151st St	Rochester	NY	14604	5
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

PROPERTY 13 x

Output

Action Output

#	Time	Action	Message
✓ 13	06:49:45	SELECT COUNT(*) AS Num_Services FROM SERVICE WHERE HoursWorked > 4 LIMIT 0...	1 row(s) returned
✓ 14	06:51:33	SELECT COUNT(DISTINCT ExperienceLevel) AS Num_ExperienceLevels FROM GG_EMP...	1 row(s) returned
✓ 15	06:53:15	SELECT * FROM GG_EMPLOYEE WHERE CellPhone LIKE "%254%" AND ExperienceLevel...	2 row(s) returned
✓ 16	06:54:33	SELECT * FROM PROPERTY WHERE City NOT IN ('Seattle', 'Bellevue') LIMIT 0, 1000	4 row(s) returned

Object Info Session

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Administration Schemas

Information

Schema: **creating_tables**

Query 1

Limit to 1000 rows

```
1 /*10.Show all properties with PropertyName begins with 'P', but the location is not in NY State.*/
2 SELECT *
3 FROM PROPERTY
4 WHERE PropertyName LIKE 'P%' AND State != 'NY';
```

Result Grid

	PropertyID	PropertyName	Street	City	State	ZIP	OwnerID
▶	6	Private Residence	1456 48th St	Bellevue	WA	98007	1
▶	7	Private Residence	1567 51st St	Bellevue	WA	98007	3
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

PROPERTY 19

Output

Action Output

#	Time	Action	Message
✓ 19	06:58:29	SELECT * FROM SERVICE WHERE HoursWorked > 3 ORDER BY ServiceDate ASC LIM...	3 row(s) returned
✓ 20	06:59:37	SELECT * FROM OWNER WHERE OwnerEmail IS NULL LIMIT 0, 1000	1 row(s) returned
✓ 21	07:01:57	SELECT COUNT(*) AS Num_Owners_WithEmail FROM OWNER WHERE OwnerEmail IS N...	1 row(s) returned
✓ 22	07:06:27	SELECT * FROM PROPERTY WHERE PropertyName LIKE 'P%' AND State != 'NY' LIMIT 0,...	2 row(s) returned

Object Info Session

new connection - Warning - n...

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Administration Schemas

Information

Schema: **creating_tables**

Query 1

```
1 /*11. Show all the services in descending order of their HoursWorked.*/
2 SELECT *
3 FROM SERVICE
4 ORDER BY HoursWorked DESC;
```

Limit to 1000 rows

Result Grid

	PropertyID	EmployeeID	ServiceDate	HoursWorked
▶	5	4	2012-05-12 00:00:00	7.50
	1	1	2012-05-05 00:00:00	4.50
	3	3	2012-05-08 00:00:00	4.50
	4	1	2012-05-19 00:00:00	3.00
	2	2	2012-05-08 00:00:00	2.75
	8	4	2012-05-15 00:00:00	2.75
	6	5	2012-05-10 00:00:00	2.50
	-	-	-	-

SERVICE 15

Output

Action Output

#	Time	Action	Message
✓ 15	06:53:15	SELECT * FROM GG_EMPLOYEE WHERE CellPhone LIKE "%254%" AND ExperienceLevel...	2 row(s) returned
✓ 16	06:54:33	SELECT * FROM PROPERTY WHERE City NOT IN ('Seattle', 'Bellevue') LIMIT 0, 1000	4 row(s) returned
✓ 17	06:55:54	SELECT * FROM PROPERTY WHERE PropertyName LIKE 'P%' AND State != 'NY' LIMIT 0,...	2 row(s) returned
✓ 18	06:57:12	SELECT * FROM SERVICE ORDER BY HoursWorked DESC LIMIT 0, 1000	8 row(s) returned

Object Info Session

new connection - Warning - n... x

File Edit View Query Database Server Tools Scripting Help

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Filter objects

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Administration Schemas

Information

Schema: creating_tables

Query 1 x

Limit to 1000 rows

```
1 /*12. Show all the services which HoursWorked is greater than 3 in ascending order of their ServiceDate.*/
2 SELECT *
3 FROM SERVICE
4 WHERE HoursWorked > 3
5 ORDER BY ServiceDate ASC;
```

Result Grid

	PropertyID	EmployeeID	ServiceDate	HoursWorked
▶	1	1	2012-05-05 00:00:00	4.50
	3	3	2012-05-08 00:00:00	4.50
	5	4	2012-05-12 00:00:00	7.50
*	NULL	NULL	NULL	NULL

SERVICE 16 x

Output

Action Output

#	Time	Action	Message
✓ 16	06:54:33	SELECT * FROM PROPERTY WHERE City NOT IN ('Seattle', 'Bellevue') LIMIT 0, 1000	4 row(s) returned
✓ 17	06:55:54	SELECT * FROM PROPERTY WHERE PropertyName LIKE 'P%' AND State != 'NY' LIMIT 0,...	2 row(s) returned
✓ 18	06:57:12	SELECT * FROM SERVICE ORDER BY HoursWorked DESC LIMIT 0, 1000	8 row(s) returned
✓ 19	06:58:29	SELECT * FROM SERVICE WHERE HoursWorked > 3 ORDER BY ServiceDate ASC LIM...	3 row(s) returned



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Administration Schemas

Information

Schema: creating_tables

Query 1



```
1  /*13. Show all owners with Email as NULL.*/
2  SELECT *
3  FROM OWNER
4  WHERE OwnerEmail IS NULL;
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	OwnerID	OwnerName	OwnerEmail	OwnerType
▶	3	Sam Douglas	NULL	Individual
*	NULL	NULL	NULL	NULL

OWNER 17

Output

Action Output

	#	Time	Action	Message
✓	17	06:55:54	SELECT * FROM PROPERTY WHERE PropertyName LIKE 'P%' AND State != 'NY' LIMIT 0,...	2 row(s) returned
✓	18	06:57:12	SELECT * FROM SERVICE ORDER BY HoursWorked DESC LIMIT 0, 1000	8 row(s) returned
✓	19	06:58:29	SELECT * FROM SERVICE WHERE HoursWorked > 3 ORDER BY ServiceDate ASC LIM...	3 row(s) returned
✓	20	06:59:37	SELECT * FROM OWNER WHERE OwnerEmail IS NULL LIMIT 0, 1000	1 row(s) returned

new connection - Warning - n...

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Administration Schemas

Information: Schema: creating_tables

Query 1

```
1 /*14.Count how many Owners whose Email is not NULL.*/
2 SELECT COUNT(*) AS Num_Owners_WithEmail
3 FROM OWNER
4 WHERE OwnerEmail IS NOT NULL;
```

Result Grid

	Num_Owners_WithEmail
▶ 4	

Result 18

Output

Action Output

#	Time	Action	Message
✓ 18	06:57:12	SELECT * FROM SERVICE ORDER BY HoursWorked DESC LIMIT 0, 1000	8 row(s) returned
✓ 19	06:58:29	SELECT * FROM SERVICE WHERE HoursWorked > 3 ORDER BY ServiceDate ASC LIM...	3 row(s) returned
✓ 20	06:59:37	SELECT * FROM OWNER WHERE OwnerEmail IS NULL LIMIT 0, 1000	1 row(s) returned
✓ 21	07:01:57	SELECT COUNT(*) AS Num_Owners_WithEmail FROM OWNER WHERE OwnerEmail IS N...	1 row(s) returned

Object Info Session

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Administration Schemas

Information

Schema: creating_tables

Query 1

Limit to 1000 rows

```
1 /*15.Show the sum of Hours Worked in SERVICE.*/
2 SELECT SUM(HoursWorked) AS TotalHoursWorked
3 FROM SERVICE;
```

Result Grid

	TotalHoursWorked
▶	30.00

Result 21

Output

Action Output

#	Time	Action	Message
✓ 21	07:01:57	SELECT COUNT(*) AS Num_Owners_WithEmail FROM OWNER WHERE OwnerEmail IS N...	1 row(s) returned
✓ 22	07:06:27	SELECT * FROM PROPERTY WHERE PropertyName LIKE 'P%' AND State != 'NY' LIMIT 0,...	2 row(s) returned
✓ 23	07:10:00	SELECT SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE LIMIT 0, 1000	1 row(s) returned
✓ 24	07:16:28	SELECT SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE LIMIT 0, 1000	1 row(s) returned

Object Info Session

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Administration Schemas

Information

Schema: **creating_tables**

Query 1

Limit to 1000 rows

```
1 /*16. Show Only show the employee with sum of Hours Worked more than 7*/
2 SELECT EmployeeID, SUM(HoursWorked) AS TotalHoursWorked
3 FROM SERVICE
4 GROUP BY EmployeeID
5 HAVING SUM(HoursWorked) > 7;
```

Result Grid

	EmployeeID	TotalHoursWorked
▶	1	7.50
	4	10.25

Result 22

Output

Action Output

	#	Time	Action	Message
✓	22	07:06:27	SELECT * FROM PROPERTY WHERE PropertyName LIKE 'P%' AND State != 'NY' LIMIT 0,...	2 row(s) returned
✓	23	07:10:00	SELECT SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE LIMIT 0, 1000	1 row(s) returned
✓	24	07:16:28	SELECT SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE LIMIT 0, 1000	1 row(s) returned
✓	25	07:18:06	SELECT EmployeeID, SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE GROU...	2 row(s) returned

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Administration Schemas

Information

Schema: creating_tables

Query 1 x



```
1  /*17. Show the names of employees who have worked on a property owned by a corporation.*/
2  • SELECT DISTINCT e.LastName, e.FirstName
3     FROM SERVICE s
4     JOIN PROPERTY p ON s.PropertyID = p.PropertyID
5     JOIN OWNER o ON p.OwnerID = o.OwnerID
6     JOIN GG_EMPLOYEE e ON s.EmployeeID = e.EmployeeID
7     WHERE o.OwnerType = 'Corporation';
```

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

	LastName	FirstName
▶	Smith	Sam
	Murray	Dale
	Murphy	Jerry

Result 23 x

Output

Action Output

	#	Time	Action	Message
✓	23	07:10:00	SELECT SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE LIMIT 0, 1000	1 row(s) returned
✓	24	07:16:28	SELECT SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE LIMIT 0, 1000	1 row(s) returned
✓	25	07:18:06	SELECT EmployeeID, SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE GROU...	2 row(s) returned
✓	26	07:19:20	SELECT DISTINCT e.LastName, e.FirstName FROM SERVICE s JOIN PROPERTY p ON s....	3 row(s) returned

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Information

Schema: creating_tables

Query 1



```
1 /*18. Show the names of employees who have worked on a property in New York.*/
2 SELECT DISTINCT e.LastName, e.FirstName
3 FROM SERVICE s
4 JOIN PROPERTY p ON s.PropertyID = p.PropertyID
5 JOIN GG_EMPLOYEE e ON s.EmployeeID = e.EmployeeID
6 WHERE p.State = 'NY';
```

<

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	LastName	FirstName
▶	Murphy	Jerry

Result 24

Output



Action Output



	#	Time	Action	Message
✓	24	07:16:28	SELECT SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE LIMIT 0, 1000	1 row(s) returned
✓	25	07:18:06	SELECT EmployeeID, SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE GROU...	2 row(s) returned
✓	26	07:19:20	SELECT DISTINCT e.LastName, e.FirstName FROM SERVICE s JOIN PROPERTY p ON s....	3 row(s) returned
✓	27	07:21:05	SELECT DISTINCT e.LastName, e.FirstName FROM SERVICE s JOIN PROPERTY p ON s....	1 row(s) returned

Object Info

Session



Navigator

SCHEMAS

Filter objects

- ▶ ailead_2024
- ▶ creating_tables
- ▼ data_analytics_batchb
 - ▶ Tables
 - ▶ gg_employee
 - ▶ owner
 - ▶ property
 - ▶ service
 - ▶ Views
 - ▶ Stored Procedures

Administration Schemas

Information

Schema: creating_tables

Query 1 x

Limit to 1000 rows

```
1  /*19. Sort the employees' information in ascending order by the total hours of their service.*/
2  • SELECT e.EmployeeID, e.LastName, e.FirstName, SUM(s.HoursWorked) AS TotalHoursWorked
3  FROM GG_EMPLOYEE e
4  JOIN SERVICE s ON e.EmployeeID = s.EmployeeID
5  GROUP BY e.EmployeeID, e.LastName, e.FirstName
6  ORDER BY TotalHoursWorked ASC;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	EmployeeID	LastName	FirstName	TotalHoursWorked
▶	5	Fontaine	Joan	2.50
	3	Murray	Dale	4.50
	2	Evanston	John	5.25
	1	Smith	Sam	7.50
	4	Murphy	Jerry	10.25

Result 25 x

Output

Action Output

	#	Time	Action	Message
✓	25	07:18:06	SELECT EmployeeID, SUM(HoursWorked) AS TotalHoursWorked FROM SERVICE GROU...	2 row(s) returned
✓	26	07:19:20	SELECT DISTINCT e.LastName, e.FirstName FROM SERVICE s JOIN PROPERTY p ON s....	3 row(s) returned
✓	27	07:21:05	SELECT DISTINCT e.LastName, e.FirstName FROM SERVICE s JOIN PROPERTY p ON s....	1 row(s) returned
✓	28	07:22:42	SELECT e.EmployeeID, e.LastName, e.FirstName, SUM(s.HoursWorked) AS TotalHoursWor...	5 row(s) returned

Object Info Session

new connection - Warning - n...

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SCHEMAS

Filter objects

- ailed_2024
- creating_tables
- data_analytics_batchb**
 - Tables
 - gg_employee
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Administration Schemas

Information

Schema: creating_tables

Query 1

Limit to 1000 rows

```
1 /*20. Show names and Email of owners who have the property named 'Private Residence'.*/
2 SELECT o.OwnerName, o.OwnerEmail
3 FROM OWNER o
4 JOIN PROPERTY p ON o.OwnerID = p.OwnerID
5 WHERE p.PropertyName = 'Private Residence';
```

Result Grid

	OwnerName	OwnerEmail
▶	Mary Jones	Mary.Jones@somewhere.com
	Sam Douglas	NULL
	Doug Samuels	Doug.Samuels@somewhere.com

Result 26

Output

Action Output

#	Time	Action	Message
✓ 26	07:19:20	SELECT DISTINCT e.LastName, e.FirstName FROM SERVICE s JOIN PROPERTY p ON s....	3 row(s) returned
✓ 27	07:21:05	SELECT DISTINCT e.LastName, e.FirstName FROM SERVICE s JOIN PROPERTY p ON s....	1 row(s) returned
✓ 28	07:22:42	SELECT e.EmployeeID, e.LastName, e.FirstName, SUM(s.HoursWorked) AS TotalHoursWor...	5 row(s) returned
✓ 29	07:23:41	SELECT o.OwnerName, o.OwnerEmail FROM OWNER o JOIN PROPERTY p ON o.OwnerI...	3 row(s) returned

Object Info Session

new connection - Warning - n...

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Navigator

SCHEMAS

Filter objects

- ▶ ailead_2024
- ▶ creating_tables
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Administration Schemas

Information

Schema: creating_tables

Query 1

```
1 /*21. Show the number of services on properties with owner's type as 'Corporation'.*/
2 SELECT COUNT(*) AS Num_Services_Corporation
3 FROM SERVICE s
4 JOIN PROPERTY p ON s.PropertyID = p.PropertyID
5 JOIN OWNER o ON p.OwnerID = o.OwnerID
6 WHERE o.OwnerType = 'Corporation';
```

Result Grid

	Num_Services_Corporation
▶	3

Result 27

Output

Action Output

#	Time	Action	Message
✓ 27	07:21:05	SELECT DISTINCT e.LastName, e.FirstName FROM SERVICE s JOIN PROPERTY p ON s....	1 row(s) returned
✓ 28	07:22:42	SELECT e.EmployeeID, e.LastName, e.FirstName, SUM(s.HoursWorked) AS TotalHoursWor...	5 row(s) returned
✓ 29	07:23:41	SELECT o.OwnerName, o.OwnerEmail FROM OWNER o JOIN PROPERTY p ON o.OwnerI...	3 row(s) returned
✓ 30	07:24:49	SELECT COUNT(*) AS Num_Services_Corporation FROM SERVICE s JOIN PROPERTY p ...	1 row(s) returned

Object Info Session

new connection - Warning - n... x

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Navigator

SCHEMAS

Filter objects

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Administration Schemas

Information

Schema: **creating_tables**

Query 1 x

Limit to 1000 rows

```
1 /*22. Show the total hours of service on properties with owner type as 'Corporation'.*/
2 SELECT SUM(s.HoursWorked) AS TotalHours_Service_Corporation
3 FROM SERVICE s
4 JOIN PROPERTY p ON s.PropertyID = p.PropertyID
5 JOIN OWNER o ON p.OwnerID = o.OwnerID
6 WHERE o.OwnerType = 'Corporation';
```

Result Grid

	TotalHours_Service_Corporation
▶	16.50

Result 28 x

Output

Action Output

#	Time	Action	Message
✓ 28	07:22:42	SELECT e.EmployeeID, e.LastName, e.FirstName, SUM(s.HoursWorked) AS TotalHoursWor...	5 row(s) returned
✓ 29	07:23:41	SELECT o.OwnerName, o.OwnerEmail FROM OWNER o JOIN PROPERTY p ON o.OwnerI...	3 row(s) returned
✓ 30	07:24:49	SELECT COUNT(*) AS Num_Services_Corporation FROM SERVICE s JOIN PROPERTY p ...	1 row(s) returned
✓ 31	07:26:23	SELECT SUM(s.HoursWorked) AS TotalHours_Service_Corporation FROM SERVICE s JOI...	1 row(s) returned

Object Info Session

new connection - Warning - n...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- ailed_2024
- creating_tables
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Administration Schemas

Information

Schema: creating_tables

Query 1

Limit to 1000 rows

```
1 /*23. Show the names of the employee who has worked most hours.*/
2 SELECT e.LastName, e.FirstName, SUM(s.HoursWorked) AS TotalHoursWorked
3 FROM GG_EMPLOYEE e
4 JOIN SERVICE s ON e.EmployeeID = s.EmployeeID
5 GROUP BY e.EmployeeID, e.LastName, e.FirstName
6 ORDER BY TotalHoursWorked DESC
7 LIMIT 1;
```

Result Grid

	LastName	FirstName	TotalHoursWorked
▶	Murphy	Jerry	10.25

Result 29

Output

Action Output

#	Time	Action	Message
✓ 29	07:23:41	SELECT o.OwnerName, o.OwnerEmail FROM OWNER o JOIN PROPERTY p ON o.OwnerI...	3 row(s) returned
✓ 30	07:24:49	SELECT COUNT(*) AS Num_Services_Corporation FROM SERVICE s JOIN PROPERTY p ...	1 row(s) returned
✓ 31	07:26:23	SELECT SUM(s.HoursWorked) AS TotalHours_Service_Corporation FROM SERVICE s JOI...	1 row(s) returned
✓ 32	07:27:54	SELECT e.LastName, e.FirstName, SUM(s.HoursWorked) AS TotalHoursWorked FROM GG...	1 row(s) returned

Object Info Session