

MySQL Workbench

Local instance MySQL80

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Navigation

SCHEMAS

Filter objects

sql_basics_practice

- Tables
- Views
- Stored Procedures
- Functions

sys

Administration Schemas

Information

No object selected

Query 1

```
1 Create Schema SQL_Basics_Practice;
2 use SQL_Basics_Practice;
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 242	22:38:13	Create Schema SQL_Basics_Practice	1 row(s) affected	0.015 sec
✓ 243	22:38:27	use SQL_Basics_Practice	0 row(s) affected	0.015 sec

Object Info Session

MySQL Workbench

Local instance MySQL80 x

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Administration Schemas

Information

No object selected

Query 1 x

Don't Limit

```
5 CREATE TABLE sales (  
6   OrderID INTEGER not null unique,  
7   OrderDate DATETIME,  
8   CustomerID INTEGER,  
9   CustomerName VARCHAR(9),  
10  SalesPerson VARCHAR(12),  
11  Region VARCHAR(10),  
12  Product_Type VARCHAR(9),  
13  Price INTEGER,  
14  Quantity INTEGER,  
15  primary key (OrderID)  
16 );  
17 Describe SQL_Basics_Practice.Sales;
```

Result Grid

Filter Rows:

Exports: Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
OrderID	int	NO	PRI	NULL	
OrderDate	datetime	YES		NULL	
CustomerID	int	YES		NULL	
CustomerName	varchar(9)	YES		NULL	
SalesPerson	varchar(12)	YES		NULL	
Region	varchar(10)	YES		NULL	
Product_Type	varchar(9)	YES		NULL	
Price	int	YES		NULL	
Quantity	int	YES		NULL	

Result 123 x

Read Only

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Information

No object selected

Query 1

```
17 • Describe SQL_Basics_Practice.Sales;
18
19 • INSERT INTO sales
20 (OrderID, OrderDate, CustomerID, CustomerName, SalesPerson, Region, Product_Type, Price, Quantity)
21 VALUES
22 (0009, '2021-05-01', '20', 'Company T', 'Andrew James', 'Arizona', 'Product 1', 399, 5),
23 (0012, '2021-05-01', '6', 'Company F', 'Laura Larsen', 'California', 'Product 1', 399, 6),
24 (0014, '2021-05-01', '4', 'Company D', 'Anna Weber', 'Texas', 'Product 1', 399, 4),
25 (0020, '2021-07-01', '5', 'Company E', 'Anna Weber', 'Texas', 'Product 1', 399, 3),
26 (0024, '2021-07-01', '12', 'Company L', 'Michael Fox', 'New Mexico', 'Product 1', 399, 2);
27
28 • select * from SQL_Basics_Practice.Sales;
29
```

Result Grid

	OrderID	OrderDate	CustomerID	CustomerName	SalesPerson	Region	Product_Type	Price	Quantity
▶	9	2021-05-01 00:00:00	20	Company T	Andrew James	Arizona	Product 1	399	5
	12	2021-05-01 00:00:00	6	Company F	Laura Larsen	California	Product 1	399	6
	14	2021-05-01 00:00:00	4	Company D	Anna Weber	Texas	Product 1	399	4
	20	2021-07-01 00:00:00	5	Company E	Anna Weber	Texas	Product 1	399	3
	24	2021-07-01 00:00:00	12	Company L	Michael Fox	New Mexico	Product 1	399	2
-	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Sales 129 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 247	22:46:38	INSERT INTO sales (OrderID, OrderDate, CustomerID, CustomerName, SalesPerson, Regi...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.015 sec
✓ 248	22:47:08	select * from SQL_Basics_Practice.Sales	5 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

Query 1

```
19 • INSERT INTO sales
20 (OrderID, OrderDate, CustomerID, CustomerName, SalesPerson, Region, Product_Type, Price, Quantity)
21 VALUES
22 (0009, '2021-05-01', '20', 'Company T', 'Andrew James', 'Arizona', 'Product 1', 399, 5),
23 (0012, '2021-05-01', '6', 'Company F', 'Laura Larsen', 'California', 'Product 1', 399, 6),
24 (0014, '2021-05-01', '4', 'Company D', 'Anna Weber', 'Texas', 'Product 1', 399, 4),
25 (0020, '2021-07-01', '5', 'Company E', 'Anna Weber', 'Texas', 'Product 1', 399, 3),
26 (0024, '2021-07-01', '12', 'Company L', 'Michael Fox', 'New Mexico', 'Product 1', 399, 2);
27
28 • select * from SQL_Basics_Practice.Sales;
29
30 • Select * from sql_basics_practice.sales order by OrderDate ASC, Quantity DESC ;
31
```

Result Grid

	OrderID	OrderDate	CustomerID	CustomerName	SalesPerson	Region	Product_Type	Price	Quantity
▶	12	2021-05-01 00:00:00	6	Company F	Laura Larsen	California	Product 1	399	6
	9	2021-05-01 00:00:00	20	Company T	Andrew James	Arizona	Product 1	399	5
	14	2021-05-01 00:00:00	4	Company D	Anna Weber	Texas	Product 1	399	4
	20	2021-07-01 00:00:00	5	Company E	Anna Weber	Texas	Product 1	399	3
	24	2021-07-01 00:00:00	12	Company L	Michael Fox	New Mexico	Product 1	399	2
-	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
sales 144 x									

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 262	22:57:17	select * from SQL_Basics_Practice.Sales	5 row(s) returned	0.015 sec / 0.000 sec
✓ 263	22:57:18	Select * from sql_basics_practice.sales order by OrderDate ASC, Quantity DESC	5 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

Query 1

```
(0020, '2021-07-01', '5', 'Company E', 'Anna Weber', 'Texas', 'Product 1', 399, 3),
(0024, '2021-07-01', '12', 'Company L', 'Michael Fox', 'New Mexico', 'Product 1', 399, 2);

select * from SQL_Basics_Practice.Sales;

Select * from sql_basics_practice.sales order by OrderDate ASC, Quantity DESC ;

Create table sales_bkp (select * from sales);
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 264	22:58:57	Select * from sql_basics_practice.sales order by OrderDate ASC, Quantity DESC	5 row(s) returned	0.000 sec / 0.000 sec
✓ 265	22:59:03	Create table sales_bkp (select * from sales)	5 row(s) effected Records: 5 Duplicates: 0 Warnings: 0	0.110 sec

Object: Info Session

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Information

No object selected

Query 1

Don't Limit

```
25 (0020, '2021-07-01', '5', 'Company E', 'Anna Weber', 'Texas', 'Product 1', 399, 3),
26 (0024, '2021-07-01', '12', 'Company L', 'Michael Fox', 'New Mexico', 'Product 1', 399, 2);
27
28 select * from SQL_Basics_Practice.Sales;
29
30 Select * from sql_basics_practice.sales order by OrderDate ASC, Quantity DESC ;
31
32 Create table sales_bkp (select * from sales);
33
34 Delete from sales_bkp where OrderID = 9;
35
36 Alter table sales_bkp add Primary key(OrderID);
37
38 Delete from sales_bkp where OrderID = 9;
39
40
41
42
43
44
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
268	23:01:06	Delete from sales_bkp where OrderID = 9	Error Code: 1175. You are using safe update mode and you tried to update a table without a ...	0.000 sec
269	23:01:13	Alter table sales_bkp add Primary key(OrderID)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.281 sec
270	23:01:29	Delete from sales_bkp where OrderID = 9	1 row(s) affected	0.016 sec

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Information

No object selected

Query 1

```
33
34 • Delete from sales_bkp where OrderID = 9;
35
36 • Alter table sales_bkp add Primary key(OrderID);
37
38 • Delete from sales_bkp where OrderID = 9;
39
40 • Select * from sql_basics_practice.sales_bkp order by OrderDate ASC, Quantity DESC ;
41
42 • Alter Table sales_bkp add column `Created By` NVARCHAR(20) default 'Pavan';
43
44 • Select * from sql_basics_practice.sales_bkp ;
```

Result Grid

	OrderID	OrderDate	CustomerID	CustomerName	SalesPerson	Region	Product_Type	Price	Quantity	Created By
▶	12	2021-05-01 00:00:00	6	Company F	Laura Larsen	California	Product 1	399	6	Pavan
	14	2021-05-01 00:00:00	4	Company D	Anna Weber	Texas	Product 1	399	4	Pavan
	20	2021-07-01 00:00:00	5	Company E	Anna Weber	Texas	Product 1	399	3	Pavan
	24	2021-07-01 00:00:00	12	Company L	Michael Fox	New Mexico	Product 1	399	2	Pavan

sales_bkp 151 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	275 23:04:19	Select * from sql_basics_practice.sales_bkp order by OrderDate ASC, Quantity DESC	4 row(s) returned	0.000 sec / 0.000 sec
⚠	276 23:04:29	Alter Table sales_bkp add column `Created By` NVARCHAR(20) default 'Pavan'	0 row(s) affected, 1 warning(s): 3720 NATIONAL/NCHAR/NVARCHAR implies the character...	0.078 sec
✓	277 23:05:33	Select * from sql_basics_practice.sales_bkp	4 row(s) returned	0.016 sec / 0.000 sec

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Query 1

```
37
38 • Delete from sales_bkp where OrderID = 9;
39
40 • Select * from sql_basics_practice.sales_bkp order by OrderDate ASC, Quantity DESC ;
41
42 • Alter Table sales_bkp add column `Created By` NVARCHAR(20) default 'Pavan';
43
44 • Select * from sql_basics_practice.sales_bkp ;
45
46 • select OrderID, SalesPerson, `Created By`, Price from sql_basics_practice.sales_bkp;
47
48
```

Result Grid

OrderID	SalesPerson	Created By	Price
12	Laura Larsen	Pavan	399
14	Anna Weber	Pavan	399
20	Anna Weber	Pavan	399
24	Michael Fox	Pavan	399

Object Info

Session

Output

#	Time	Action	Message	Duration / Fetch
276	23:04:29	Alter Table sales_bkp add column 'Created By' NVARCHAR(20) default 'Pavan'	0 row(s) affected, 1 warning(s): 3720 NATIONAL/NCHAR/NVARCHAR implies the character...	0.078 sec
277	23:05:33	Select * from sql_basics_practice.sales_bkp	4 row(s) returned	0.016 sec / 0.000 sec
278	23:07:07	select OrderID, SalesPerson, 'Created By', Price from sql_basics_practice.sales_bkp	4 row(s) returned	0.000 sec / 0.000 sec

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Query 1

```
39
40 • Select * from sql_basics_practice.sales_bkp order by OrderDate ASC, Quantity DESC ;
41
42 • Alter Table sales_bkp add column `Created By` NVARCHAR(20) default 'Pavan';
43
44 • Select * from sql_basics_practice.sales_bkp ;
45
46 • select OrderID, SalesPerson, `Created By`, Price from sql_basics_practice.sales_bkp;
47
48 • Alter table sql_basics_practice.sales_bkp drop column `Created By`;
49
50 • Select * from sql_basics_practice.sales_bkp ;
```

Result Grid

OrderID	OrderDate	CustomerID	CustomerName	SalesPerson	Region	Product_Type	Price	Quantity
12	2021-05-01 00:00:00	6	Company F	Laura Larsen	California	Product 1	399	6
14	2021-05-01 00:00:00	4	Company D	Anna Weber	Texas	Product 1	399	4
20	2021-07-01 00:00:00	5	Company E	Anna Weber	Texas	Product 1	399	3
24	2021-07-01 00:00:00	12	Company L	Michael Fox	New Mexico	Product 1	399	2
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

sales_bkp 153

Output

Action Output

#	Time	Action	Message	Duration / Fetch
278	23:07:07	select OrderID, SalesPerson, `Created By`, Price from sql_basics_practice.sales_bkp	4 row(s) returned	0.000 sec / 0.000 sec
279	23:08:24	Alter table sql_basics_practice.sales_bkp drop column `Created By`	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.094 sec
280	23:08:50	Select * from sql_basics_practice.sales_bkp	4 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

Query 1

Don't Limit

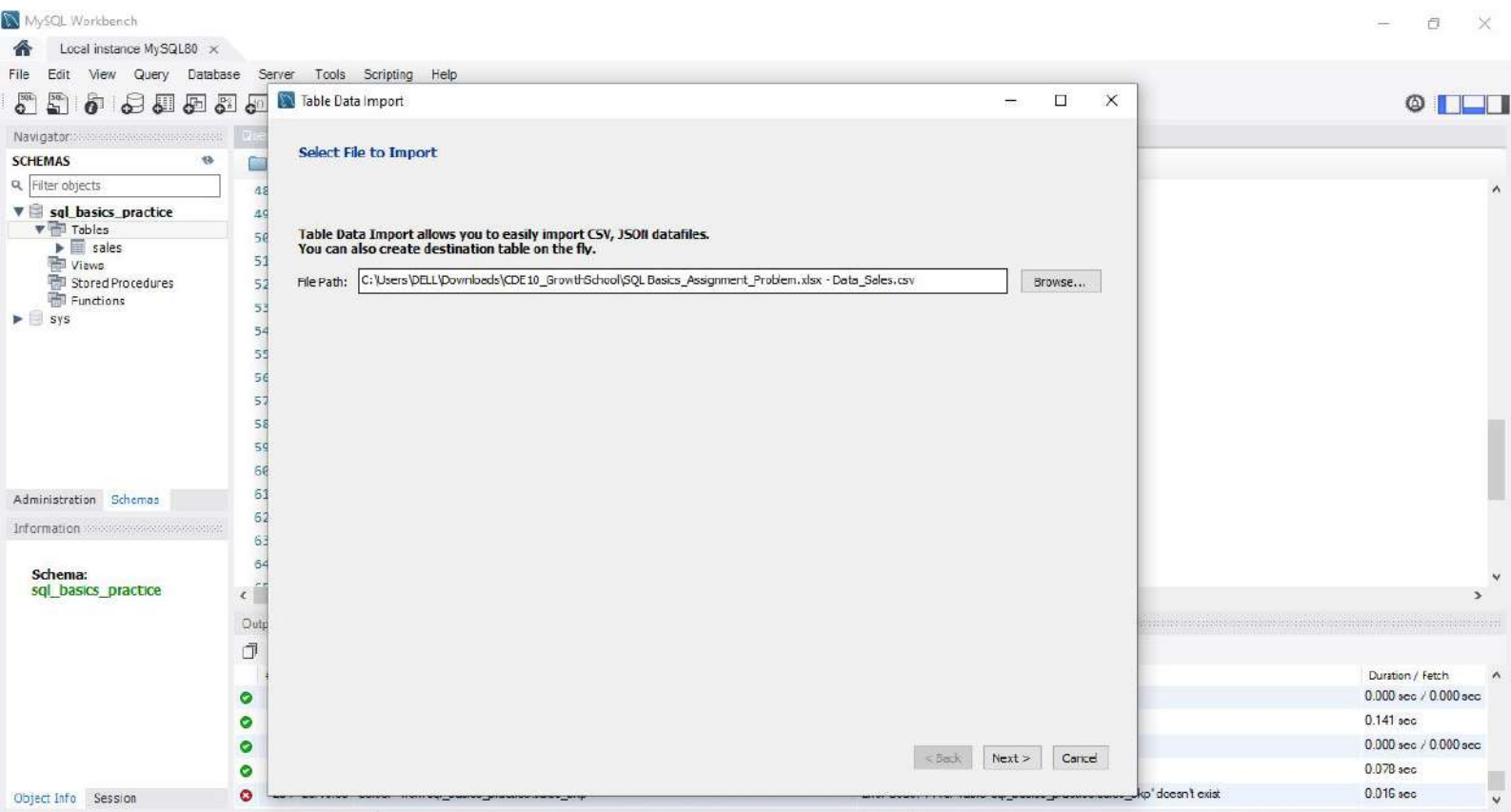
```
48 • Alter table sql_basics_practice.sales_bkp drop column `Created By` ;
49
50 • Select * from sql_basics_practice.sales_bkp ;
51
52 • Truncate table SQL_Basics_Practice.sales_bkp;
53
54 • Select * from sql_basics_practice.sales_bkp ;
55
56 • Drop table SQL_Basics_Practice.sales_bkp;
57
58 • Select * from sql_basics_practice.sales_bkp ;
59
60
61
62
63
64
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 280	23:08:50	Select * from sql_basics_practice.sales_bkp	4 row(s) returned	0.000 sec / 0.000 sec
✓ 281	23:10:18	Truncate table SQL_Basics_Practice.sales_bkp	0 row(s) affected	0.141 sec
✓ 282	23:10:27	Select * from sql_basics_practice.sales_bkp	0 row(s) returned	0.000 sec / 0.000 sec
✓ 283	23:10:40	Drop table SQL_Basics_Practice.sales_bkp	0 row(s) affected	0.078 sec
✗ 284	23:10:55	Select * from sql_basics_practice.sales_bkp	Error Code: 1146. Table 'sql_basics_practice.sales_bkp' doesn't exist	0.016 sec

Object Info Session



MySQL Workbench

Table Data Import

Select Destination

Select destination table and additional options.

☐ Use existing table: sql_basics_practicesales

☒ Create new table: sql_basics_practic , sales_data

☒ Drop table if exists

< Back Next > Cancel

Duration / Fetch

0.000 sec

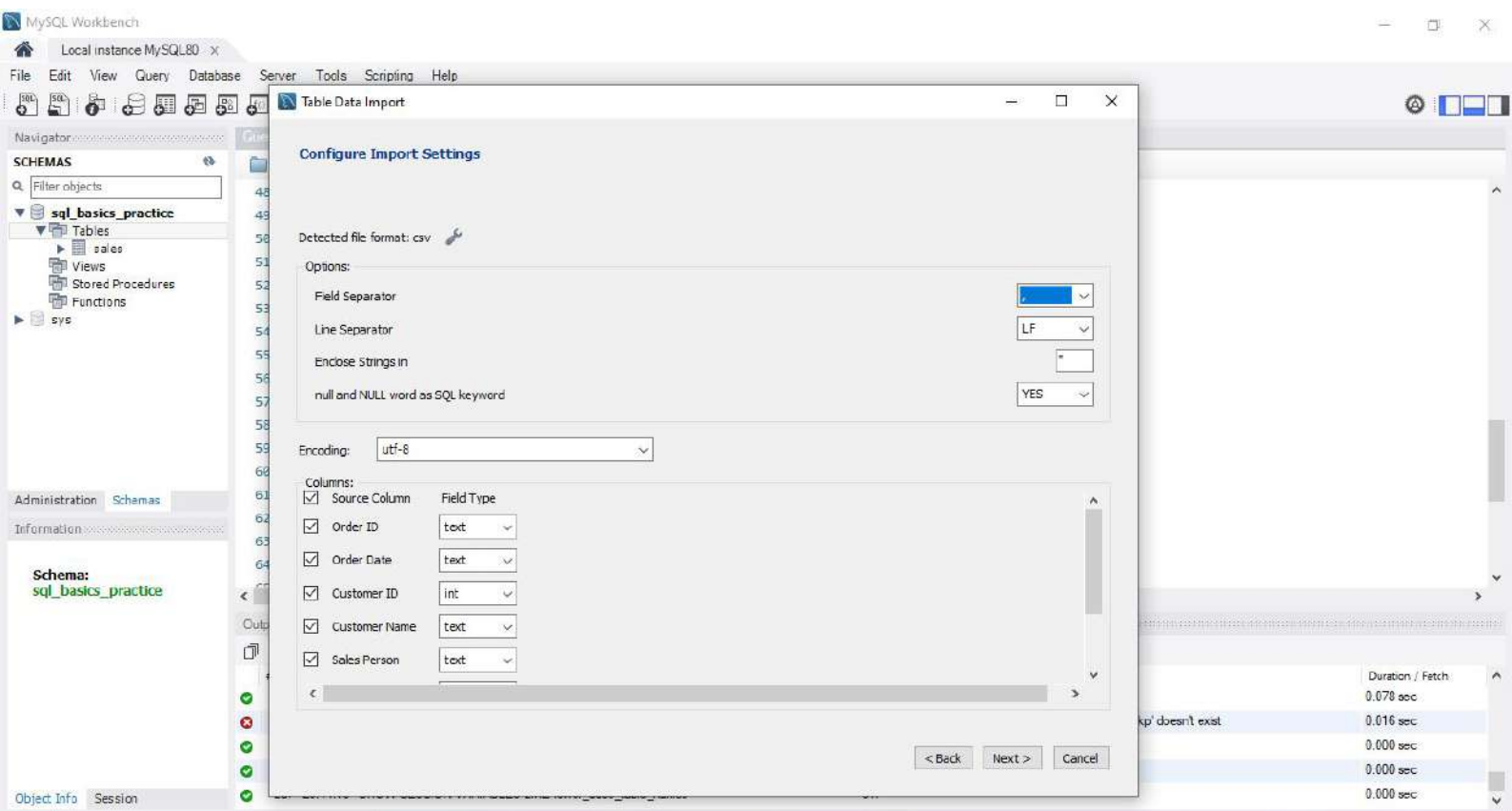
0.000 sec

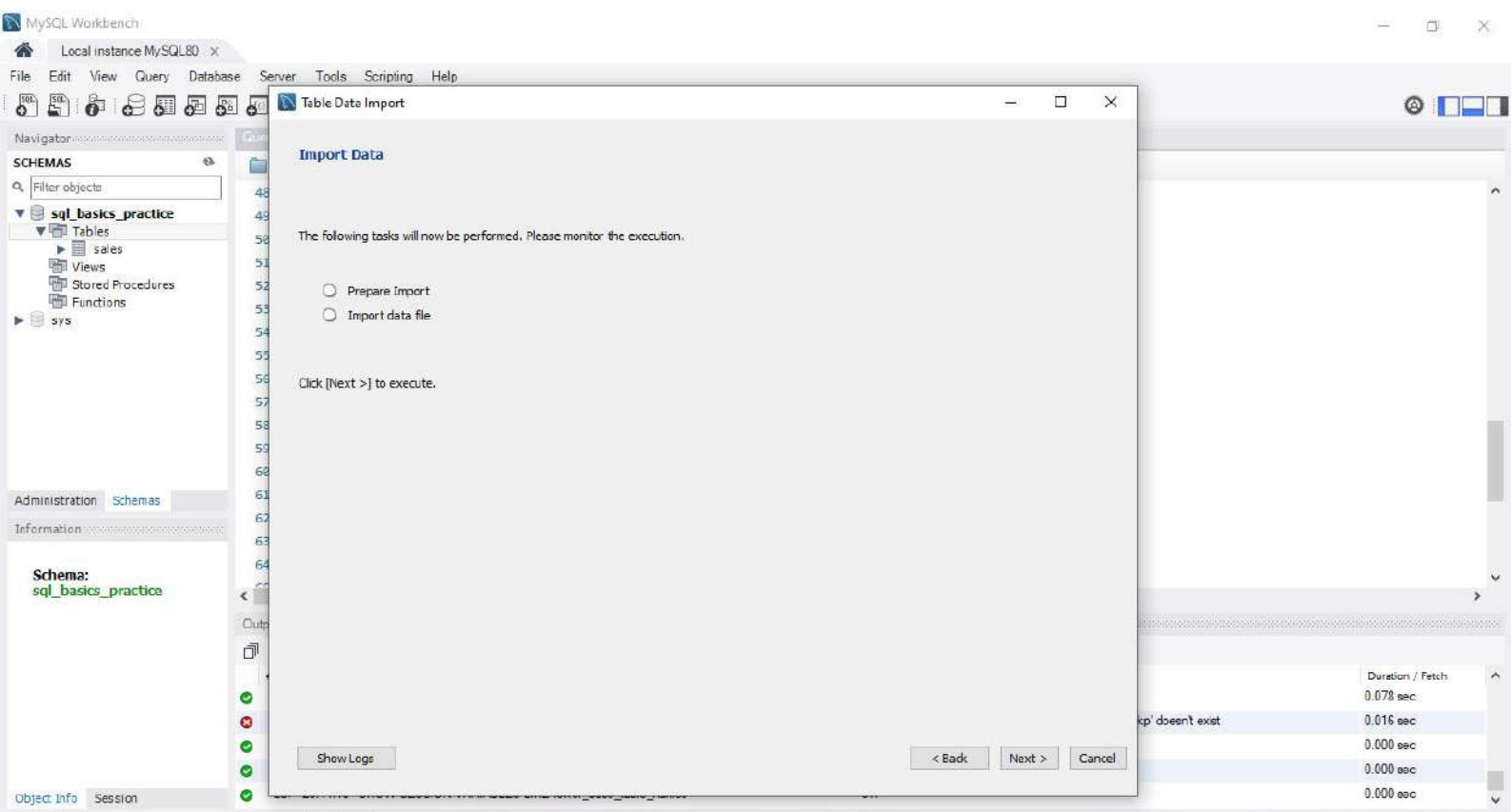
applied

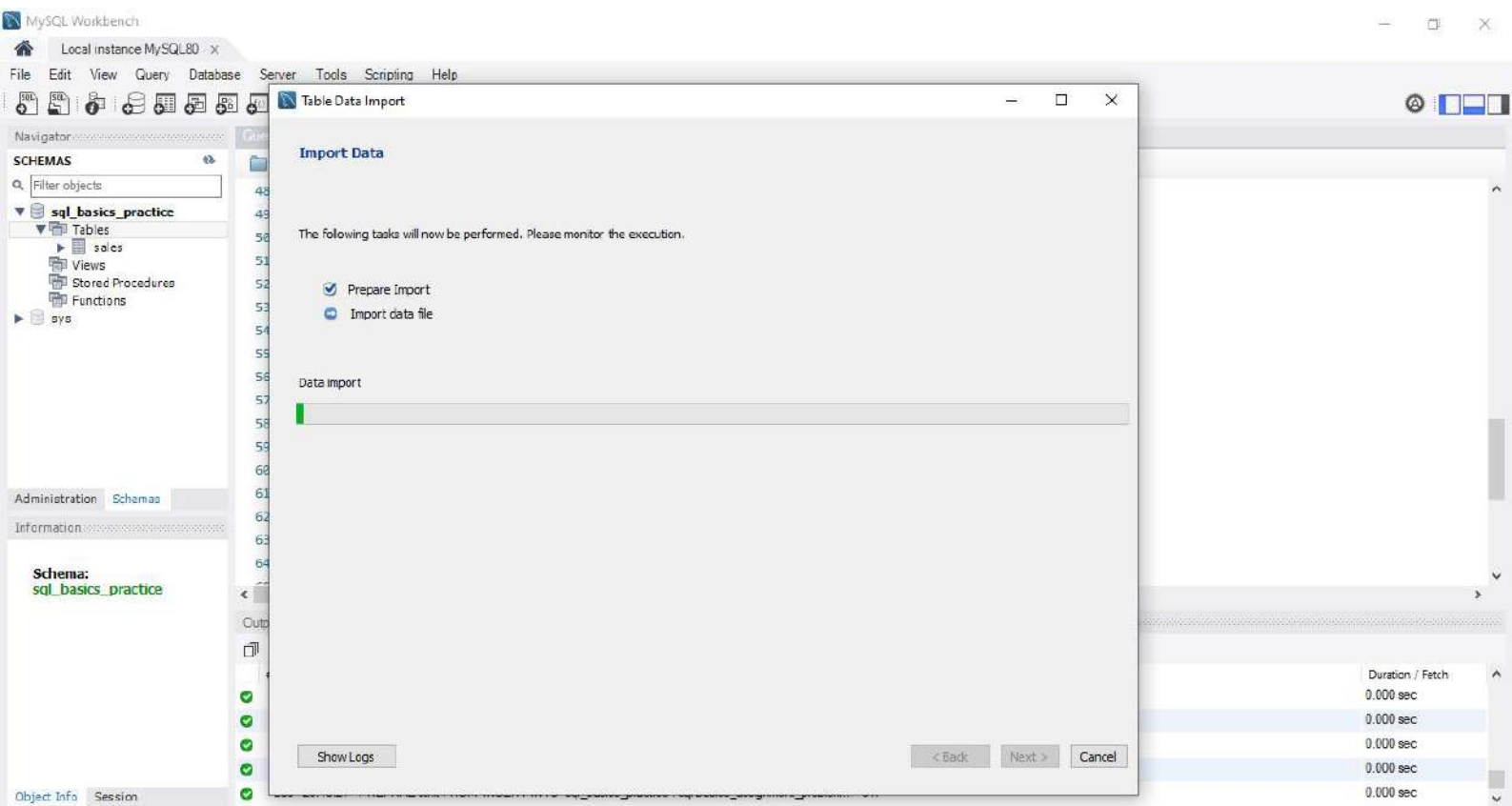
Object Info Session

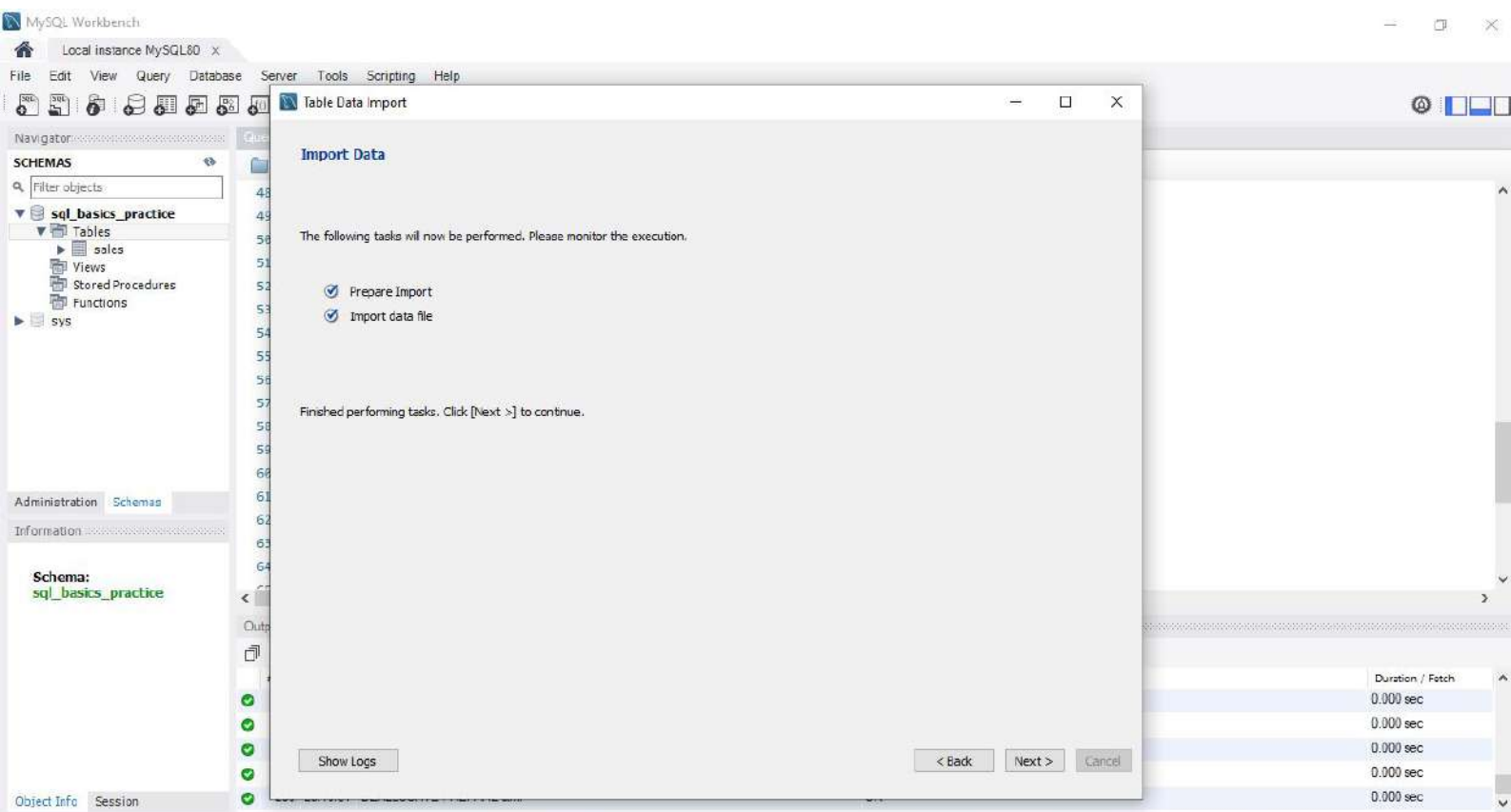
292 23:19:33 SHOW SESSION VARIABLES LIKE lower_case_table_names OK 0.000 sec

293 23:19:33 SHOW DATABASES OK 0.000 sec









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Table Data Import

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Information

Schema: sql_basics_practice

Object Info Session

Import Results

File C:\Users\DELL\Downloads\CDE10_GrowthSchool\SQL Basics_Assignment_Problem.xlsx - Data_Sales.csv was imported in 33.623 s

Table sq_basics_practice.sql_basics_assignment_problem.xlsx - data_sales was created

2000 records imported

< Back Finish Cancel

Duration / Fetch
0.000 sec
0.000 sec
0.000 sec
0.000 sec
0.000 sec

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Information

Table: sales_data

Columns:

Order ID text

Order Date text

Customer ID int

Customer Name text

Sales Person text

Region text

Product_Type text

Price int

Quantity int

Object Info Session

Query 1

Don't Limit

```
48 • Alter table sql_basics_practice.sales_bkp drop column 'Created By';
49
50 • Select * from sql_basics_practice.sales_bkp;
51
52 • Truncate table SQL_Basics_Practice.sales_bkp;
53
54 • Select * from sql_basics_practice.sales_bkp;
55
56 • Drop table SQL_Basics_Practice.sales_bkp;
57
58 • Select * from sql_basics_practice.sales_bkp;
59
60
61
62
63
64
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 287	23:14:13	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
✓ 288	23:15:27	CREATE TABLE 'sql_basics_practice'. 'sql_basics_assignment_problem.xlsx - data_sales' (D...	OK	0.000 sec
✓ 289	23:15:27	PREPARE stmt FROM INSERT INTO 'sql_basics_practice'. 'sql_basics_assignment_problem...	OK	0.000 sec
✓ 290	23:16:01	DEALLOCATE PREPARE stmt	OK	0.000 sec
✓ 291	23:18:12	Apply changes to sales_data	Changes applied	

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Query 1

```
51
52 Truncate table SQL_Basics_Practice.sales_bkp;
53
54 Select * from sql_basics_practice.sales_bkp ;
55
56 Drop table SQL_Basics_Practice.sales_bkp;
57
58 Select * from sql_basics_practice.sales_bkp ;
59
60 Select * from sql_basics_practice.sales_data ;
```

Result Grid

Order ID	Order Date	Customer ID	Customer Name	Sales Person	Region	Product Type	Price	Quantity
0009	2021/01/05	20	Company T	Andrew James	Arizona	Product 1	399	5
0012	2021/01/05	6	Company F	Laura Larsen	California	Product 1	399	6
0014	2021/01/05	4	Company D	Anna Weber	Texas	Product 1	399	4
0020	2021/01/07	5	Company E	Anna Weber	Texas	Product 1	399	3

Table: sales_data

Columns:

- Order ID: text
- Order Date: text
- Customer ID: int
- Customer Name: text
- Sales Person: text
- Region: text
- Product Type: text
- Price: int
- Quantity: int

Object Info Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
290	23:16:01	DEALLOCATE PREPARE stmt	OK	0.000 sec
291	23:18:12	Apply changes to sales_data	Changes applied	
292	23:19:33	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
293	23:19:33	SHOW DATABASES	OK	0.000 sec
294	23:21:07	Select * from sql_basics_practice.sales_data	2000 row(s) returned	0.000 sec / 0.015 sec

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Filter objects

sql_basics_practice

Tables

sales

sales_data

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Administration Schemas

Information

Table: sales_data

Columns:

Order ID text

Order Date text

Customer ID int

Customer Name text

Sales Person text

Region text

Product_Type text

Price int

Quantity int

Object Info Session

Query 1

Don't Limit

```
58 • Select * from sql_basics_practice.sales_bkp ;
59
60 • Select * from sql_basics_practice.sales_data ;
61
62 • Describe sql_basics_practice.sales_data;
63
64
```

Result Grid

Field	Type	Null	Key	Default	Extra
Order ID	text	YES		NULL	
Order Date	text	YES		NULL	
Customer ID	int	YES		NULL	
Customer Name	text	YES		NULL	
Sales Person	text	YES		NULL	
Region	text	YES		NULL	
Product_Type	text	YES		NULL	
Price	int	YES		NULL	
Quantity	int	YES		NULL	

Result 156

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 291	23:18:12	Apply changes to sales_data	Changes applied	
✓ 292	23:19:33	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
✓ 293	23:19:33	SHOW DATABASES	OK	0.000 sec
✓ 294	23:21:07	Select * from sql_basics_practice.sales_data	2000 row(s) returned	0.000 sec / 0.015 sec
✓ 295	23:22:29	Describe sd_basics_practice.sales_data	9 row(s) returned	0.015 sec / 0.000 sec

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Query 1

```
Select * from sql_basics_practice.sales_bkp ;
```

```
Describe sql_basics_practice.sales_data;
```

```
Select * from sql_basics_practice.sales_data ;
```

Result Grid

Order ID	Order Date	Customer ID	Customer Name	Sales Person	Region	Product Type	Price	Quantity
0009	2021/01/05	20	Company T	Andrew James	Arizona	Product 1	399	5
0012	2021/01/05	6	Company F	Laura Larsen	California	Product 1	399	6
0014	2021/01/05	4	Company D	Anna Weber	Texas	Product 1	399	4
0020	2021/01/07	5	Company E	Anna Weber	Texas	Product 1	399	3
0024	2021/01/07	12	Company L	Michael Fox	New Mexico	Product 1	399	2
0025	2021/01/08	3	Company C	Ben Wallace	Texas	Product 1	399	0
0028	2021/01/08	19	Company S	Andrew James	Arizona	Product 1	399	7
0032	2021/01/09	6	Company F	Laura Larsen	California	Product 1	399	3
0037	2021/01/11	13	Company M	Anna Larsen	New Mexico	Product 1	399	4

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Columns:

Order ID text

Order Date text

Customer ID int

Customer Name text

Sales Person text

Region text

Product Type text

Price int

Quantity int

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Output

#	Time	Action	Message	Duration / Fetch
292	23:19:33	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
293	23:19:33	SHOW DATABASES	OK	0.000 sec
294	23:21:07	Select * from sql_basics_practice.sales_data	2000 row(s) returned	0.000 sec / 0.015 sec
295	23:22:29	Describe sql_basics_practice.sales_data	9 row(s) returned	0.015 sec / 0.000 sec
296	23:24:02	Select * from sql_basics_practice.sales_data	2000 row(s) returned	0.016 sec / 0.031 sec

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Query 1

```
61 Describe sql_basics_practice.sales_data;
62
63 Select * from sql_basics_practice.sales_data ;
64
65 select * from sql_basics_practice.sales_data where region = 'California';
66
67
```

Result Grid

	Order ID	Order Date	Customer ID	Customer Name	Sales Person	Region	Product_Type	Price	Quantity
▶	0012	2021/01/05	6	Company F	Laura Larsen	California	Product 1	399	6
	0032	2021/01/09	6	Company F	Laura Larsen	California	Product 1	399	3
	0041	2021/01/13	9	Company I	Kim Fishman	California	Product 1	399	4
	0044	2021/01/13	7	Company G	Laura Larsen	California	Product 1	399	5
	0055	2021/01/15	7	Company G	Laura Larsen	California	Product 1	399	0
	0059	2021/01/15	9	Company I	Kim Fishman	California	Product 1	399	7
	0064	2021/01/18	9	Company I	Laura Larsen	California	Product 1	399	1
	0081	2021/01/24	7	Company G	Laura Larsen	California	Product 1	399	6
	0082	2021/01/29	7	Company G	Kim Fishman	California	Product 1	399	1

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Columns:

Order ID text

Order Date text

Customer ID int

Customer Name text

Sales Person text

Region text

Product_Type text

Price int

Quantity int

Object Info Session

Output

#	Time	Action	Message	Duration / Fetch
✓ 293	23:19:33	SHOW DATABASES	OK	0.000 sec
✓ 294	23:21:07	Select * from sql_basics_practice.sales_data	2000 row(s) returned	0.000 sec / 0.015 sec
✓ 295	23:22:29	Describe sql_basics_practice.sales_data	9 row(s) returned	0.015 sec / 0.000 sec
✓ 296	23:24:02	Select * from sql_basics_practice.sales_data	2000 row(s) returned	0.016 sec / 0.031 sec
✓ 297	23:25:17	select * from sql_basics_practice.sales_data where region = 'California'	498 row(s) returned	0.015 sec / 0.016 sec

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Query 1

```
63 select * from sql_basics_practice.sales_data ;
64
65 select * from sql_basics_practice.sales_data where region = 'California';
66
67 select max(quantity),min(quantity),max(price),min(price),avg(quantity),avg(price), sum(Quantity),sum(Price) from sql_basics_practice.sales_data;
```

Result Grid

	max(quantity)	min(quantity)	max(price)	min(price)	avg(quantity)	avg(price)	sum(Quantity)	sum(Price)
▶	9	0	399	69	4.5595	223.6700	9119	447340

Administration Schemas

Information

Table: sales_data

Columns:

Column	Type
Order ID	text
Order Date	text
Customer ID	int
Customer Name	text
Sales Person	text
Region	text
Product_Type	int
Price	int
Quantity	int

Object Info Session

Result 159

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 294	23:21:07	Select * from sql_basics_practice.sales_data	2000 row(s) returned	0.000 sec / 0.015 sec
✓ 295	23:22:29	Describe sql_basics_practice.sales_data	9 row(s) returned	0.015 sec / 0.000 sec
✓ 296	23:24:02	Select * from sql_basics_practice.sales_data	2000 row(s) returned	0.016 sec / 0.031 sec
✓ 297	23:25:17	select * from sql_basics_practice.sales_data where region = 'California'	498 row(s) returned	0.015 sec / 0.016 sec
✓ 298	23:26:20	select max(quantity),min(quantity),max(price),min(price),avg(quantity),avg(price), sum(Quantit...	1 row(s) returned	0.016 sec / 0.000 sec

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Query 1

```
65 select * from sql_basics_practice.sales_data where region = 'California';
66
67 select max(quantity),min(quantity),max(price),min(price),avg(quantity),avg(price), sum(Quantity),sum(Price) from sql_basics_practice.sales_data;
68
69 select product_type ,Count(*) from sql_basics_practice.sales_data group by product_type;
70
71
```

Result Grid

product_type	Count(*)
Product 1	406
Product 5	382
Product 2	420
Product 4	408
Product 3	384

Administration Schemas

Information

Table: sales_data

Columns:

Column	Type
Order ID	text
Order Date	text
Customer ID	int
Customer	text
Name	text
Sales Person	text
Region	text
Product_Type	text
Price	int
Quantity	int

Object Info Session

Result 152 x

Read Only

Output

#	Time	Action	Message	Duration / Fetch
297	23:25:17	select * from sql_basics_practice.sales_data where region = 'California'	498 row(s) returned	0.015 sec / 0.016 sec
298	23:26:20	select max(quantity),min(quantity),max(price),min(price),avg(quantity),avg(price), sum(Quantity),sum(Price) from sql_basics_practice.sales_data;	1 row(s) returned	0.015 sec / 0.000 sec
299	23:27:25	select * from sql_basics_practice.sales_data where region = 'California'	498 row(s) returned	0.015 sec / 0.016 sec
300	23:27:35	select max(quantity),min(quantity),max(price),min(price),avg(quantity),avg(price), sum(Quantity),sum(Price) from sql_basics_practice.sales_data;	1 row(s) returned	0.031 sec / 0.000 sec
301	23:27:40	select product_type ,Count(*) from sql_basics_practice.sales_data group by product_type;	5 row(s) returned	0.047 sec / 0.000 sec

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Query 1

```
67 select max(quantity),min(quantity),max(price),min(price),avg(quantity),avg(price), sum(quantity),sum(price) from sql_basics_practice.sales_data;
68
69 select product_type ,Count(*) from sql_basics_practice.sales_data group by product_type;
70
71 Alter table sql_basics_practice.sales_data add column Revenue double default (Quantity*price);
72 select Revenue from sql_basics_practice.sales_data;
73
```

Result Grid

Filter Rows:

Exports

Wrap Cell Content:

Fetch rows:

Revenue
1995
2394
1596
1197
798
0
2793
1197
1596

Table: sales_data

Columns:

Order ID	text
Order Date	text
Customer ID	int
Customer	text
Name	text
Sales Person	text
Region	text
Product_Type	text
Price	int
Quantity	int

Object Info

Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
299	23:27:25	select * from sql_basics_practice.sales_data where region = 'California'	498 row(s) returned	0.015 sec / 0.016 sec
300	23:27:35	select max(quantity),min(quantity),max(price),min(price),avg(quantity),avg(price), sum(Quantit...	1 row(s) returned	0.031 sec / 0.000 sec
301	23:27:40	select product_type ,Count(*) from sql_basics_practice.sales_data group by product_type	5 row(s) returned	0.047 sec / 0.000 sec
302	23:29:00	Alter table sql_basics_practice.sales_data add column Revenue double default (Quantity*pri...	2000 row(s) affected Records: 2000 Duplicates: 0 Warnings: 0	0.343 sec
303	23:29:07	select Revenue from sql_basics_practice.sales_data	2000 row(s) returned	0.000 sec / 0.000 sec

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Information

Table: sales_data

Columns:

Order ID text

Order Date text

Customer ID int

Customer text

Name text

Sales Person text

Region text

Product_Type text

Price int

Quantity int

Object Info Session

Query 1

```
71 • Alter table sql_basics_practice.sales_data add column Revenue double default (Quantity*price);
72 • select Revenue from sql_basics_practice.sales_data;
73
74 • select 'Sales Person', sum(Revenue) from sql_basics_practice.sales_data group by 'Sales Person' order by sum(Revenue) desc ;
75
76
77
```

Result Grid

Sales Person	sum(Revenue)
Anna Weber	276378
Laura Larsen	276331
Ben Wallace	255757
Michael Fox	251790
Oscar Knox	251672
Andrew James	243681
Anne Lee	241194
Kim Fishman	231788

Result 172

Output

Action Output

#	Time	Action	Message	Duration / Fetch
311	23:30:51	select Revenue from sql_basics_practice.sales_data	2000 row(s) returned	0.000 sec / 0.000 sec
312	23:30:54	select SalesPerson, sum(Revenue) from sql_basics_practice.sales_data group by SalesP...	Error Code: 1054. Unknown column 'SalesPerson' in field list	0.000 sec
313	23:31:15	select SalesPerson, sum(Revenue) from sql_basics_practice.sales_data group by SalesP...	Error Code: 1054. Unknown column 'SalesPerson' in field list	0.000 sec
314	23:31:35	Describe sql_basics_practice.sales_data	10 row(s) returned	0.016 sec / 0.000 sec
315	23:32:25	select 'Sales Person', sum(Revenue) from sql_basics_practice.sales_data group by 'Sale...	8 row(s) returned	0.047 sec / 0.000 sec

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Query 1

71 • Alter table sql_basics_practice.sales_data add column Revenue double default (Quantity*price);

72 • select Revenue from sql_basics_practice.sales_data;

73

74 • select `Sales Person`, sum(Revenue) from sql_basics_practice.sales_data group by `Sales Person` order by sum(Revenue) desc ;

75

76 • select * from sql_basics_practice.sales_data where region = 'Texas' and revenue between 1000 and 3000 order by revenue desc ;

77

Result Grid

	Order ID	Order Date	Customer ID	Customer Name	Sales Person	Region	Product Type	Price	Quantity	Revenue
▶	0399	2021/05/03	5	Company E	Ben Wallace	Texas	Product 1	399	7	2793
	0456	2021/05/17	3	Company C	Anna Weber	Texas	Product 1	399	7	2793
	1183	2022/01/13	3	Company C	Ben Wallace	Texas	Product 1	399	7	2793
	1237	2022/01/31	2	Company B	Ben Wallace	Texas	Product 1	399	7	2793
	1278	2022/02/19	3	Company C	Ben Wallace	Texas	Product 1	399	7	2793
	1477	2022/04/19	4	Company D	Anna Weber	Texas	Product 1	399	7	2793
	1551	2022/05/17	1	Company A	Ben Wallace	Texas	Product 1	399	7	2793
	1703	2022/07/05	5	Company E	Anna Weber	Texas	Product 1	399	7	2793
	1840	2022/08/24	4	Company D	Anna Weber	Texas	Product 1	399	7	2793

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Output

#	Time	Action	Message	Duration / Fetch
✖ 312	23:30:54	select `Sales Person`, sum(Revenue) from sql_basics_practice.sales_data group by SalesP...	Error Code: 1054. Unknown column 'SalesPerson' in field list'	0.000 sec
✖ 313	23:31:15	select `Sales Person`, sum(Revenue) from sql_basics_practice.sales_data group by SalesP...	Error Code: 1054. Unknown column 'SalesPerson' in field list'	0.000 sec
✔ 314	23:31:35	Describe sql_basics_practice.sales_data	10 row(s) returned	0.016 sec / 0.000 sec
✔ 315	23:32:25	select `Sales Person`, sum(Revenue) from sql_basics_practice.sales_data group by `Sale...	8 row(s) returned	0.047 sec / 0.000 sec
✔ 316	23:33:58	select * from sql_basics_practice.sales_data where region = 'Texas' and revenue between 1...	191 row(s) returned	0.031 sec / 0.000 sec

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Query 1

Don't Limit

```
75
76 • select * from sql_basics_practice.sales_data where region = 'Texas' and revenue between 1000 and 3000 order by revenue desc ;
77
78
79 • select 'Sales Person', sum(Revenue) from sql_basics_practice.sales_data group by 'Sales Person' having sum(Revenue) > 250000 ;
80
81
```

Result Grid

Sales Person	sum(Revenue)
Laura Larsen	276331
Anno Weber	276378
Michael Fox	251790
Ben Wallace	255757
Oscar Knox	251672

Administration Schemas

Information

Table: sales_data

Columns:

Column	Type
Order ID	text
Order Date	text
Customer ID	int
Customer Name	text
Sales Person	text
Region	text
Product_Type	text
Price	int
Quantity	int

Object Info Session

Result 174

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#	Time	Action	Message	Duration / Fetch
313	23:31:15	select SalesPerson, sum(Revenue) from sql_basics_practice.sales_data group by SalesP...	Error Code: 1054. Unknown column 'SalesPerson' in field list	0.000 sec
314	23:31:35	Describe sql_basics_practice.sales_data	10 row(s) returned	0.016 sec / 0.000 sec
315	23:32:25	select 'Sales Person', sum(Revenue) from sql_basics_practice.sales_data group by 'Sale...	8 row(s) returned	0.047 sec / 0.000 sec
316	23:33:58	select * from sql_basics_practice.sales_data where region = 'Texas' and revenue between 1...	191 row(s) returned	0.031 sec / 0.000 sec
317	23:34:58	select 'Sales Person', sum(Revenue) from sql_basics_practice.sales_data group by 'Sales ...	5 row(s) returned	0.047 sec / 0.000 sec