

SQL OUTPUT

The screenshot shows the Microsoft WordBench application interface. At the top, there's a menu bar with options like File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. Below the menu is a toolbar with various icons. The main window is divided into several panes. On the left, there's a 'Navigator' pane showing a tree view of the database structure, including 'SCHEMAS', 'economics_transactions', 'economics_transactions_tables', 'economics_transactions_views', 'economics_transactions_stored_procedures', 'economics_transactions_functions', 'economics_transactions_indexes', and 'economics_transactions_sequences'. The 'economics_transactions' schema is selected. Below this, there's a 'Table: economics_dataset' section showing the table's columns: 'orderid', 'orderidname', 'customername', 'city', 'orderdate', 'product', 'quantity', 'discount%', 'tax%', 'paymentmethod', and 'tax'. The 'economics_transactions' schema is also visible in the 'Administration' pane. The main area displays a SQL query in the 'Query 1' pane, which is a complex query involving joins and aggregations. The query is as follows:

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Query 1
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The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The left pane shows the 'SCHEMAS' tree with 'ecommerce_junctions' selected. The central pane shows a SQL query window with the following code:

```

72  'product',
73  COUNT(*) AS total_orders,
74  COUNT(CASE WHEN shipped = 0 THEN 1 END) AS returned_orders,
75  COUNT(CASE WHEN shipped = 0 THEN 1 END) / COUNT(*) AS return_percentage
76  FROM ecommerce_junctions_datastore

```

The right pane shows the 'Results' tab with a table of data:

product	total_orders	returned_orders	return_rate
Smartphone	1144	0	0.00
Refrigerator	273	0	0.00
Monitor	259	0	0.00
Desk Chair	1482	0	0.00
Laptop	3365	0	0.00

Below the results, the 'Query Plan' tab is visible, showing a single 'SELECT' operation. The 'Properties' pane on the right shows the 'Estimated Cost' and 'Actual Cost' for the query.

[illegible][illegible]

The screenshot shows the DBeaver SQL editor interface. The top toolbar includes icons for file operations, database connections, and query execution. The SQL editor contains the following query:

```
SELECT
  COUNT(*) AS total_orders,
  COUNT(CASE WHEN 'closed' <> 'open' & '100%' AS retained_orders,
  ROUND((COUNT(*) - COUNT(CASE WHEN 'closed' <> 'open' & '100%' ) / COUNT(*) , 2) AS return_percentage
FROM ecommerce_transactions.'ecommerce_transactions'
```

The query results are displayed in a table with the following columns: Result, Row, and Message. The results show the total number of orders and the percentage of retained orders.

Result	Row	Message
176	1	176 30.7154 SELECT 'ecommerce_transactions.'ecommerce_transactions.' 100% retained
176	2	176 30.7154 SELECT 'product.' COUNT(*) AS total_orders, COUNT(CASE WHEN 'closed' <> 'open' & '100%' AS retained

The screenshot displays the Microsoft SQL Server Enterprise Edition environment. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The main window is titled 'Query1' and contains the following SQL query:

```

SELECT
  1 AS 'COUNT(*) All total orders',
  2 AS 'COUNT(*) WHEN shipped = 0 THEN 1 IN(0) AS returned_orders',
  3 AS 'COUNT(*) IN(0) AND shipped = 0 THEN 1 IN(0) / COUNT(*) AS return_percentage',
  4 AS 'COUNT(*) IN(0) AND shipped = 0 THEN 1 IN(0) / COUNT(*) AS return_percentage'
FROM
  AdventureWorks2012.dbo.orders

```

The query results are displayed in a table with the following columns: Row, OrderID, ShipDate, OrderDate, and OrderStatus. The results show 10 rows of data, including orders from 'Timothy Dunbar', 'Jeffrey Flagship', 'Joshua Hopkins', 'Wendy Hopkins', 'Terrell Rodriguez', 'Jens Karv', 'Marilyn Mendez', 'Christopher Jones', 'Debra Jones', and 'Lidia Trujillo'.

On the right side of the interface, there is a 'Query Results' pane showing the execution plan and a 'Messages' pane. The 'Messages' pane displays the following message:

```

Automatic context help is disabled. Use the toolbar to manually get context help for the current caret position or to toggle automatic help.

```

The bottom status bar indicates the current database is 'AdventureWorks2012' and the user is 'sa'.

The screenshot shows a SQL IDE interface with three main panes:

- Query Window:** Contains a SQL query:

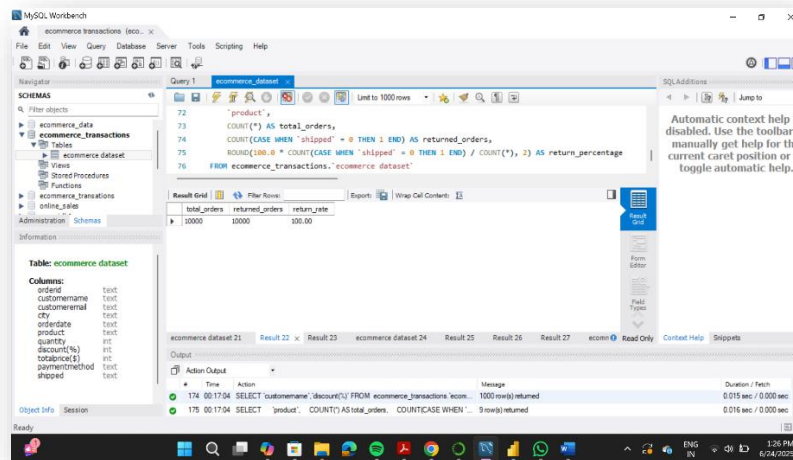
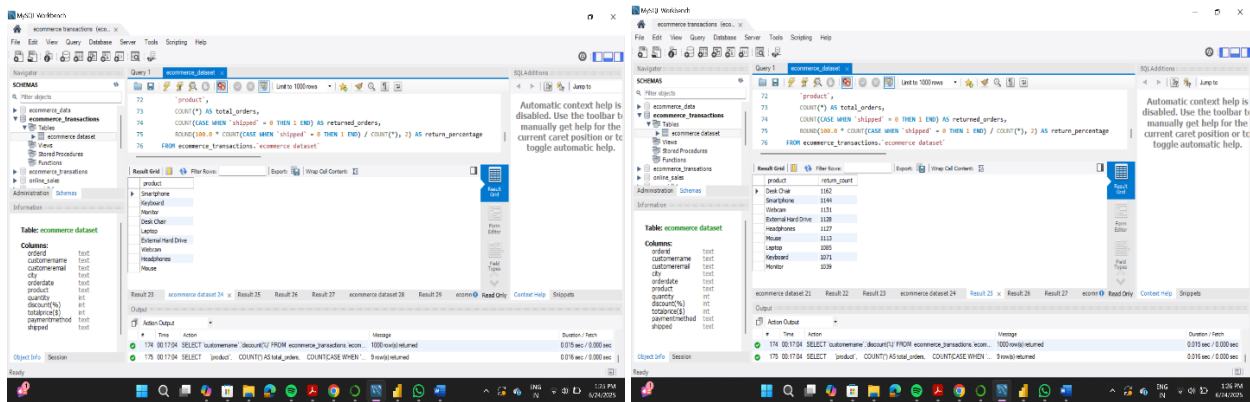

```

      72 COUNT(*) AS total_orders,
      73 COUNT(CASE WHEN shipped = 1 THEN 1 ELSE 0) AS returned_orders,
      74 (COUNT(*) - COUNT(CASE WHEN shipped = 1 THEN 1 ELSE 0)) / COUNT(*) AS return_percentage
      75 FROM ecommerce_transactions, ecommerce_data
      
```
- Results Window:** Displays a table with 5 columns: product, total_orders, returned_orders, and return_percentage. The data is as follows:

product	total_orders	returned_orders	return_percentage
Stringbeans	1144	1144	100.00
Vanilla	1071	1071	100.00
Peaches	1078	1078	100.00
Dark Choc	1161	1078	92.85
Lemon	1085	1085	100.00
Strawberry	1128	1128	100.00
Wildblue	1131	1131	100.00
Marshmallows	1127	1127	100.00
Peppermint	1113	1113	100.00
- Table Schema Window:** Shows the schema for the 'ecommerce_data' table:

Column	datatype	nullable
ecommerce_data_id	int	no
productname	varchar	no
categoryname	varchar	no
description	varchar	no
quantity	int	no
unitprice	float	no
discountpercent	float	no
shipped	int	no

On the right side, there is a 'SQL Assistant' pane with a note: 'Automatic context help is disabled. Use the toolbar icon to manually get help for the current caret position or to toggle automatic help.'



PYTHON OUTPUTS

