

CONSULTAS PG ADMIN

The screenshot shows the pgAdmin 4 interface with a SQL query executed in the 'queries' schema. The query is as follows:

```
151 --busqueda de producto Por nombre--
152 WHERE name LIKE '%Mug%';
153
154 -- busqueda de producto Por categoria--
155 SELECT p.name AS product_name, p.price, c.name AS category_name
156 FROM Products p
157 JOIN Categories c ON p.category_id = c.category_id
158 WHERE c.name = 'Disney';
159
160 --top 2 productos por venta cantidad por categoria--
161 SELECT
162     p.name AS product_name,
163     SUM(oi.quantity) AS total_units_sold
164 FROM
165     Order_Items oi
166 JOIN
167     Products p ON oi.product_id = p.product_id
168 GROUP BY
169     p.name
170 ORDER BY
171     total_units_sold DESC
```

The Data Output pane shows the results of the first query (WHERE name LIKE '%Mug%'):

product_id (PK integer)	name character varying (255)	price numeric (10,2)
1	Mug 40 Oz Licencias	20990.00
2	Mug Botón Marvel	7000.00
3	Mug Fanáticos U. Chile	7990.00
4	Mug Fanáticos Colo-Colo	7990.00
5	Mug 40 Oz Stitch	20990.00
6	Mug Botón Iron Man	7000.00
7	Mug Fanáticos U. de Ch...	7990.00

Total rows: 8 Query complete 00:00:00.174

Primera Consulta sobre la búsqueda de producto por nombre.

The screenshot shows the pgAdmin 4 interface with a SQL query executed in the 'queries' schema. The query is as follows:

```
140 INSERT INTO Payments (payment_id, order_id, amount, method, status) VALUES
141 (4001, 3001, 35490.00, 'Credit Card', 'Completed'),
142 (4002, 3002, 7000.00, 'Debit Card', 'Completed'),
143 (4003, 3003, 12500.00, 'Credit Card', 'Completed');
144 -- La orden 3004 y 3005 no tienen registro de pago (Status Pending/Delivered sin pago)
145
146 --QUERIES CONSULTAS--
147
148 -- busqueda de producto Por nombre--
149 SELECT product_id, name, price FROM Products
150 WHERE name LIKE '%Mug%';
151
152 -- busqueda de producto Por categoria--
153 SELECT p.name AS product_name, p.price, c.name AS category_name
154 FROM Products p
155 JOIN Categories c ON p.category_id = c.category_id
156 WHERE c.name = 'Disney';
157
158 --top 2 productos por venta cantidad por categoria--
159 SELECT
```

The Data Output pane shows the results of the second query (WHERE c.name = 'Disney'):

product_name character varying (255)	price numeric (10,2)	category_name character varying (100)
Mug 40 Oz Licencias	20990.00	Disney
Mug 40 Oz Stitch	20990.00	Disney
Taza Minnie Glitter	12500.00	Disney

Total rows: 3 Query complete 00:00:00.119

Segunda consulta búsqueda de producto por categoría.

The screenshot shows the pgAdmin 4 interface with a SQL query editor. The query is as follows:

```

156 JOIN Categories c ON p.category_id = c.category_id
157 WHERE c.name = 'Disney';
158
159 --top 2 productos por venta cantidad por categoria--
160
161 SELECT
162     p.name AS product_name,
163     SUM(oi.quantity) AS total_units_sold
164 FROM
165     Order_Items oi
166 JOIN
167     Products p ON oi.product_id = p.product_id
168 GROUP BY
169     p.name
170 ORDER BY
171     total_units_sold DESC
172 LIMIT 2;
173
174 --ventas monto total por mes y por categoria solo de pedidos entregados--
175 SELECT
176     STRFTIME('%Y-%m', o.order_date) AS sales_month, --TO_CHAR --

```

The Data Output tab shows the following results:

product_name	total_units_sold
Taza Minnie Glitter	2
Mug Fanáticos U. de Ch...	1

Total rows: 2 Query complete 00:00:00.162

Tercera

consulta top de productos por venta El más vendido.

The screenshot shows the pgAdmin 4 interface with a SQL query editor. The query is as follows:

```

178 FROM
179     Orders o
180 JOIN
181     Order_Items oi ON o.order_id = oi.order_id
182 JOIN
183     Products p ON oi.product_id = p.product_id
184 JOIN
185     Categories c ON p.category_id = c.category_id
186 WHERE
187     o.status = 'Delivered'
188 GROUP BY
189     sales_month, category_name
190 ORDER BY
191     sales_month DESC, monthly_category_revenue DESC;
192
193 --rango de Noviembre 2025 (KPI: Valor Promedio del Pedido)--
194
195 SELECT
196     AVG(total_amount) AS average_ticket_clp
197 FROM
198     Orders

```

The Data Output tab shows the following results:

sales_month	category_name	monthly_category_revenue
2025-11	Disney	12500.00
2025-11	Marvel	7000.00
2025-10	Disney	70980.00
2025-09	Marvel	4500.00

Total rows: 4 Query complete 00:00:00.156

Total de montos de ventas por mes de pedidos entregados.

pgAdmin 4

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Dashboard Properties SQL Dependents empresa_demo/po... schema.sql seed.sql queries.sql

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Query Query History Scratch Pad

```
188 GROUP BY
189     sales_month, category_name
190 ORDER BY
191     sales_month DESC, monthly_category_revenue DESC;
192
193 --rango de Noviembre 2025 (KPI: Valor Promedio del Pedido)--
194 SELECT
195     AVG(total_amount) AS average_ticket_clp
196 FROM
197     Orders
198 WHERE
199     order_date >= '2025-11-01' AND order_date < '2025-12-01'
200     AND status = 'Delivered';
201
202 --Productos con stock bajo--
203 SELECT
204     p.name AS product_name,
205     i.stock_quantity
206 FROM
207     Products p
```

Data Output Messages Notifications

Showing rows: 1 to 1 Page No: 1 of 1

average_ticket_clp
9750.0000000000000000

Total rows: 1 Query complete 00:00:00.091 CRLF Ln 200, Col 30

promedio noviembre.

KPI

pgAdmin 4

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Query Query History Scratch Pad

```
198 WHERE
199     order_date >= '2025-11-01' AND order_date < '2025-12-01'
200     AND status = 'Delivered';
201
202 --Productos con stock bajo--
203 SELECT
204     p.name AS product_name,
205     i.stock_quantity
206 FROM
207     Products p
208 JOIN
209     Inventory i ON p.product_id = i.product_id
210 WHERE
211     i.stock_quantity < 10
212     AND i.stock_quantity > 0 -- Excluye productos agotados si es necesario
213 ORDER BY
214     i.stock_quantity ASC;
215
216 --Clientes Frecuentes (Clientes con ≥ 3 órdenes)--
217 SELECT
218     c.first name.
```

Data Output Messages Notifications

Showing rows: 1 to 1 Page No: 1 of 1

product_name	stock_quantity
Mug Botón Iron Man	5

Total rows: 1 Query complete 00:00:00.089 CRLF Ln 214, Col 26

Producto con bajo stock.

pgAdmin 4

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Query

```
212 AND i.stock_quantity > 0 -- Excluye productos agotados si es necesario
213 ORDER BY
214 i.stock_quantity ASC;
215
216 --Clientes Frecuentes (Clientes con ≥ 3 órdenes)--
217
218 SELECT
219 c.first_name,
220 c.last_name,
221 COUNT(o.order_id) AS total_orders
222 FROM
223 Customers c
224 JOIN
225 Orders o ON c.customer_id = o.customer_id
226 GROUP BY
227 c.customer_id, c.first_name, c.last_name
228 HAVING
229 COUNT(o.order_id) >= 3;
230
231
```

Query History

Scratch Pad

Data Output Messages Notifications

Showing rows: 1 to 1 Page No: 1 of 1

	first_name character varying (50)	last_name character varying (50)	total_orders bigint
1	Natalia	Perez	3

Successfully run. Total query runtime: 123 msec. 1 rows affected.

Total rows: 1 Query complete 00:00:00.123 CRLF Ln 229, Col 1

12:20 27-11-2025

Clientes frecuentes.