

Navigator

Query 1 customers orderdetails orders products

Limit to 1000 rows

Filter objects

SCHEMAS

- classicmodels
 - Tables
 - customers
 - employees
 - offices
 - orderdetails
 - orders
 - payments
 - productlines
 - products
 - Views
 - Stored Procedures
 - Functions
- customer
- sys

Administration Schemas

Information

Schema: sys

1 • SELECT * FROM classicmodels.products;

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

productCode	productName	productLine	productScale	productVendor	productDescription	quantityInStock	buyPrice	MSRP
S10_1678	1969 Harley Davidson Ultimate Chopper	Motorcycles	1:10	Min Lin Diecast	This replica features working kickstand, front su...	7933	48.81	95.70
S10_1949	1952 Alpine Renault 1300	Classic Cars	1:10	Classic Metal Creations	Turnable front wheels; steering function; detail...	7305	98.58	214.30
S10_2016	1996 Moto Guzzi 1100i	Motorcycles	1:10	Highway 66 Mini Classics	Official Moto Guzzi logos and insignias, saddle b...	6625	68.99	118.94
S10_4698	2003 Harley-Davidson Eagle Drag Bike	Motorcycles	1:10	Red Start Diecast	Model features, official Harley Davidson logos a...	5582	91.02	193.66
S10_4757	1972 Alfa Romeo GTA	Classic Cars	1:10	Motor City Art Classics	Features include: Turnable front wheels; steeri...	3252	85.68	136.00
S10_4962	1962 LanciaA Delta 16V	Classic Cars	1:10	Second Gear Diecast	Features include: Turnable front wheels; steeri...	6791	103.42	147.74
S12_1099	1968 Ford Mustang	Classic Cars	1:12	Autoart Studio Design	Hood, doors and trunk all open to reveal highly ...	68	95.34	194.57
S12_1108	2001 Ferrari Enzo	Classic Cars	1:12	Second Gear Diecast	Turnable front wheels; steering function; detail...	3619	95.59	207.80
S12_1666	1958 Setra Bus	Trucks and Buses	1:12	Welly Diecast Productions	Model features 30 windows, skylights & glare re...	1579	77.90	136.67
S12_2823	2002 Suzuki XREO	Motorcycles	1:12	Unimax Art Galleries	Official logos and insignias, saddle bags located ...	9997	66.27	150.62
S12_3148	1969 Corvair Monza	Classic Cars	1:18	Welly Diecast Productions	1:18 scale die-cast about 10" long doors open, ...	6906	89.14	151.08
S12_3380	1968 Dodge Charger	Classic Cars	1:12	Welly Diecast Productions	1:12 scale model of a 1968 Dodge Charger. Ho...	9123	75.16	117.44
S12_3891	1969 Ford Falcon	Classic Cars	1:12	Second Gear Diecast	Turnable front wheels; steering function; detail...	1049	83.05	173.02
S12_3990	1970 Plymouth Hemi Cuda	Classic Cars	1:12	Studio M Art Models	Very detailed 1970 Plymouth Cuda model in 1:1...	5663	31.92	79.80
S12_4473	1957 Chevy Pickup	Trucks and Buses	1:12	Exoto Designs	1:12 scale die-cast about 20" long Hood opens, ...	6125	55.70	118.50
S12_4675	1969 Dodge Charger	Classic Cars	1:12	Welly Diecast Productions	Detailed model of the 1969 Dodge Charger. Thi...	7323	58.73	115.16
S18_1097	1940 Ford Pickup Truck	Trucks and Buses	1:18	Studio M Art Models	This model features soft rubber tires, working s...	2613	58.33	116.67
S18_1129	1993 Mazda RX-7	Classic Cars	1:18	Highway 66 Mini Classics	This model features, opening hood, opening do...	3975	83.51	141.54
S18_1342	1937 Lincoln Berline	Vintage Cars	1:18	Motor City Art Classics	Features opening engine cover, doors, trunk, a...	8693	60.62	102.74
S18_1367	1936 Mercedes-Benz 500K Special Roa...	Vintage Cars	1:18	Studio M Art Models	This 1:18 scale replica is constructed of heavy d...	8635	24.26	53.91
S18_1589	1965 Aston Martin DB5	Classic Cars	1:18	Classic Metal Creations	Die-cast model of the silver 1965 Aston Martin ...	9042	65.96	124.44
S18_1662	1980s Black Hawk Helicopter	Planes	1:18	Red Start Diecast	1:18 scale replica of actual Army's UH-60L BLAC...	5330	77.27	157.69
S18_1749	1917 Grand Touring Sedan	Vintage Cars	1:18	Welly Diecast Productions	This 1:18 scale replica of the 1917 Grand Tourin...	2724	86.70	170.00
S18_1889	1948 Porsche 356-A Roadster	Classic Cars	1:18	Gearbox Collectibles	This precision die-cast replica features opening ...	8826	53.90	77.00
S18_1984	1995 Honda Civic	Classic Cars	1:18	Min Lin Diecast	This model features, opening hood, opening do...	9772	93.89	142.25
S18_2222	1920s Oldsmobile Model 30	Classic Cars	1:18	Studio M Art Models	This model features, opening hood, opening do...	8781	101.51	162.77

products 1 x Apply

Navigator:

SCHEMAS

Filter objects

Tables

- customers
- employees
- offices
- orderdetails
- orders
- payments
- productlines
- products
- Views
- Stored Procedures
- Functions
- customer
- sys

Administration Schemas

Information

Query 1 customers orderdetails orders products orders orderdetails customers

1 • `SELECT * FROM classicmodels.customers;`

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

customerNumber	customerName	contact.lastName	contact.firstName	phone	addressLine1	addressLine2	city	state	postalCode	country	salesRepEmployeeNumber
103	Atelier graphique	Schmitt	Carine	40.32.2555	54, rue Royale		Nantes	NULL	44000	France	1370
112	Signal Gift Stores	King	Jean	7025551838	8489 Strong St.		Las Vegas	NV	83030	USA	1166
114	Australian Collectors, Co.	Ferguson	Peter	03 9520 4555	636 St Kilda Road	Level 3	Melbourne	Victoria	3004	Australia	1611
119	La Rochelle Gifts	Labrune	Janine	40.67.8555	67, rue des Cinquante Otages		Nantes	NULL	44000	France	1370
121	Baane Mini Imports	Bergulfsen	Jonas	07-98 9555	Erling Skakkes gate 78		Stavarn	NULL	4110	Norway	1504
124	Mini Gifts Distributors Ltd.	Nelson	Susan	4155551450	5677 Strong St.		San Rafael	CA	97562	USA	1165
125	Havel & Zbyszek Co.	Piestrzewicz	Zbyszek	(26) 642-7555	ul. Filtrowa 68		Warszawa	NULL	01-012	Poland	NULL
128	Blauer See Auto, Co.	Keitel	Roland	+49 69 66 90 2555	Lyonerstr. 34		Frankfurt	NULL	60528	Germany	1504
129	Mini Wheels Co.	Murphy	Julie	6505555787	5557 North Pendale Street		San Francisco	CA	94217	USA	1165
131	Land of Toys Inc.	Lee	Kwai	2125557818	897 Long Airport Avenue		NYC	NY	10022	USA	1323
141	Euro+ Shopping Channel	Freyre	Diego	(91) 555 94 44	C/Moralzarjal, 86		Madrid	NULL	28034	Spain	1370
144	Volvo Model Replicas, Co	Berglund	Christina	0921-12 3555	Berguvvägen 8		Luleå	NULL	95-98 22	Sweden	1504
145	Danish Wholesale Imports	Petersen	Jytte	31 12 3555	Vinbeletet 34		Kobenhavn	NULL	1734	Denmark	1401
146	Savely & Henriet, Co.	Savely	Mary	78.32.5555	2, rue du Commerce		Lyon	NULL	69004	France	1337
148	Dragon Souvenirs, Ltd.	Natividad	Eric	+65 221 7555	Bronz Sok.	Bronz Apt. 3...	Singapore	NULL	079903	Singapore	1621
151	Muscle Machine Inc	Young	Jeff	2125557413	4092 Furth Circle	Suite 400	NYC	NY	10022	USA	1286
157	Diecast Classics Inc.	Leong	Kelvin	2155551555	7586 Pompton St.		Allentown	PA	70267	USA	1216
161	Technics Stores Inc.	Hashimoto	Juri	6505556809	9408 Furth Circle		Burlingame	CA	94217	USA	1165
166	Handji Gifts & Co	Victorino	Wendy	+65 224 1555	106 Linden Road Sandown	2nd Floor	Singapore	NULL	069045	Singapore	1612
167	Herkku Gifts	Oeztan	Veysel	+47 2267 3215	Brehmen St. 121	PR 334 Sent...	Bergen	NULL	N 5804	Norway	1504
168	American Souvenirs Inc	Franco	Keith	2035557845	149 Spinnaker Dr.	Suite 101	New Haven	CT	97823	USA	1286
169	Porto Imports Co.	de Castro	Isabel	(1) 356-5555	Estrada da saúde n. 58		Lisboa	NULL	1756	Portugal	NULL
171	Daedalus Designs Imports	Rancé	Martine	20.16.1555	184, chaussée de Tournai		Lille	NULL	59000	France	1370
172	La Corne D'abondance, Co.	Bertrand	Marie	(1) 42.34.2555	265, boulevard Charonne		Paris	NULL	75012	France	1337
173

customers 1

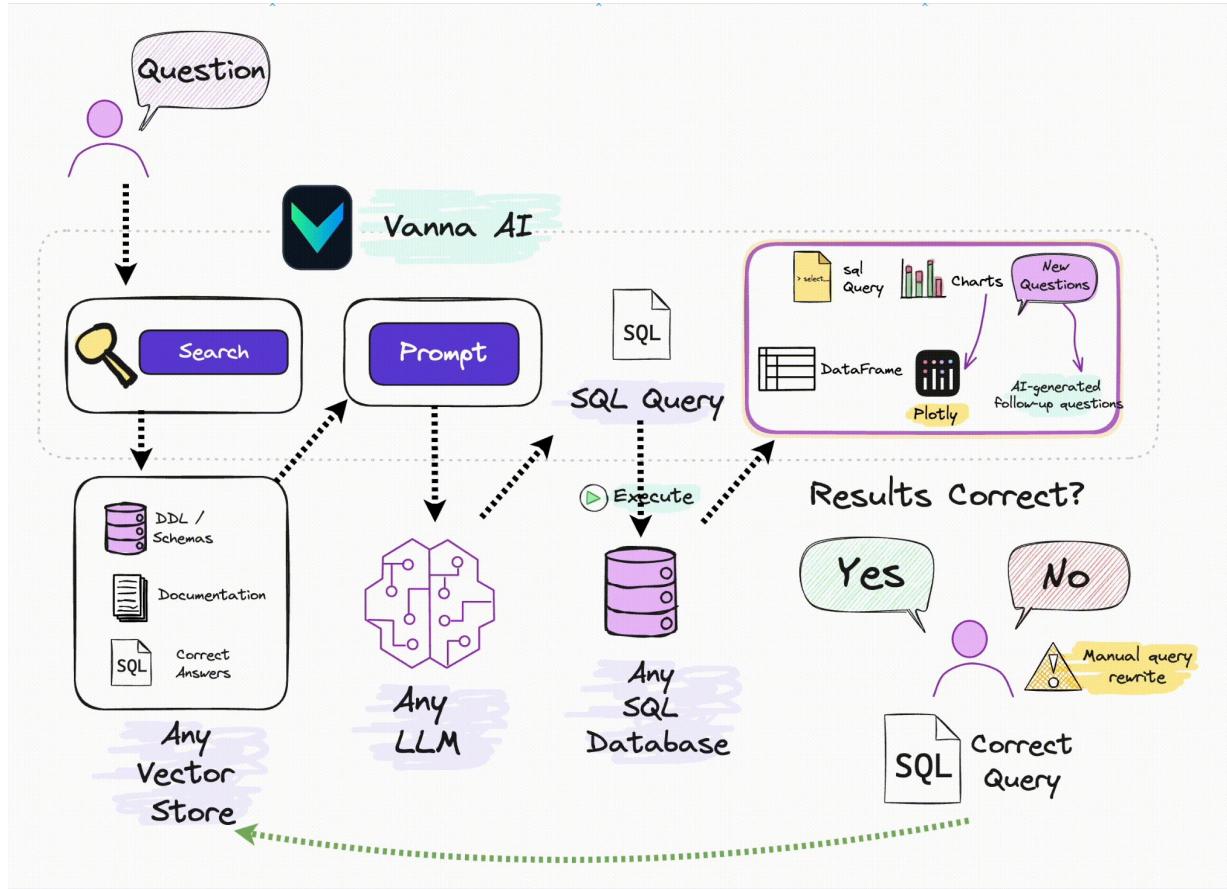
Apply

Revert

Output

Result Grid
Form Editor
Field Types
Query Stats
Execution Plan

Vaana AI



Vaana AI

The screenshot shows a Jupyter Notebook interface within a code editor environment. The left sidebar displays a file tree for a project named 'VANNA' containing files like '.github', 'img', 'myenv', 'papers', 'src', 'tests', 'training_data', and various configuration and database files. The main area shows a notebook cell titled 'demo.ipynb' with the following content:

```
demo.ipynb > print("start training")  
vn.train(ddl=DDL_5)  
vn.train(ddl=DDL_6)  
vn.train(ddl=DDL_7)  
vn.train(ddl=DDL_8)  
  
# 2. ENTRENAMIENTO CON DOCUMENTACIÓN DESCRIPTIVA  
vn.train(documentation="""  
- La base de datos `classicmodels` pertenece a una empresa que vende modelos de autos, motos, aviones, barcos y otros vehículos a escala.  
- `productlines` define las categorías de productos (ej. Classic Cars, Motorcycles).  
- `products` contiene cada modelo individual con detalles como escala, proveedor y descripción.  
- `offices` almacena información de oficinas alrededor del mundo, con ubicación, teléfono y territorio.  
- `employees` registra empleados, su puesto, oficina y a quién reportan.  
- `customers` contiene información de clientes, contactos, país y límite de crédito.  
- `payments` guarda los pagos recibidos de clientes.  
- `orders` almacena los pedidos realizados, su estado y fechas.  
- `orderdetails` detalla los productos incluidos en cada pedido con cantidades y precios.  
""")  
34.0s  
... start training  
Adding ddl:  
-- Tabla que almacena las líneas o categorías de productos  
CREATE TABLE productlines (  
    productLine varchar(50), -- Nombre de la línea de productos (clave primaria)  
    textDescription varchar(4000) DEFAULT NULL, -- Descripción textual de la línea  
    htmlDescription mediumtext, -- Descripción en formato HTML  
    image mediumblob, -- Imagen representativa de la línea  
    PRIMARY KEY (productLine)  
);  
  
Adding ddl.
```

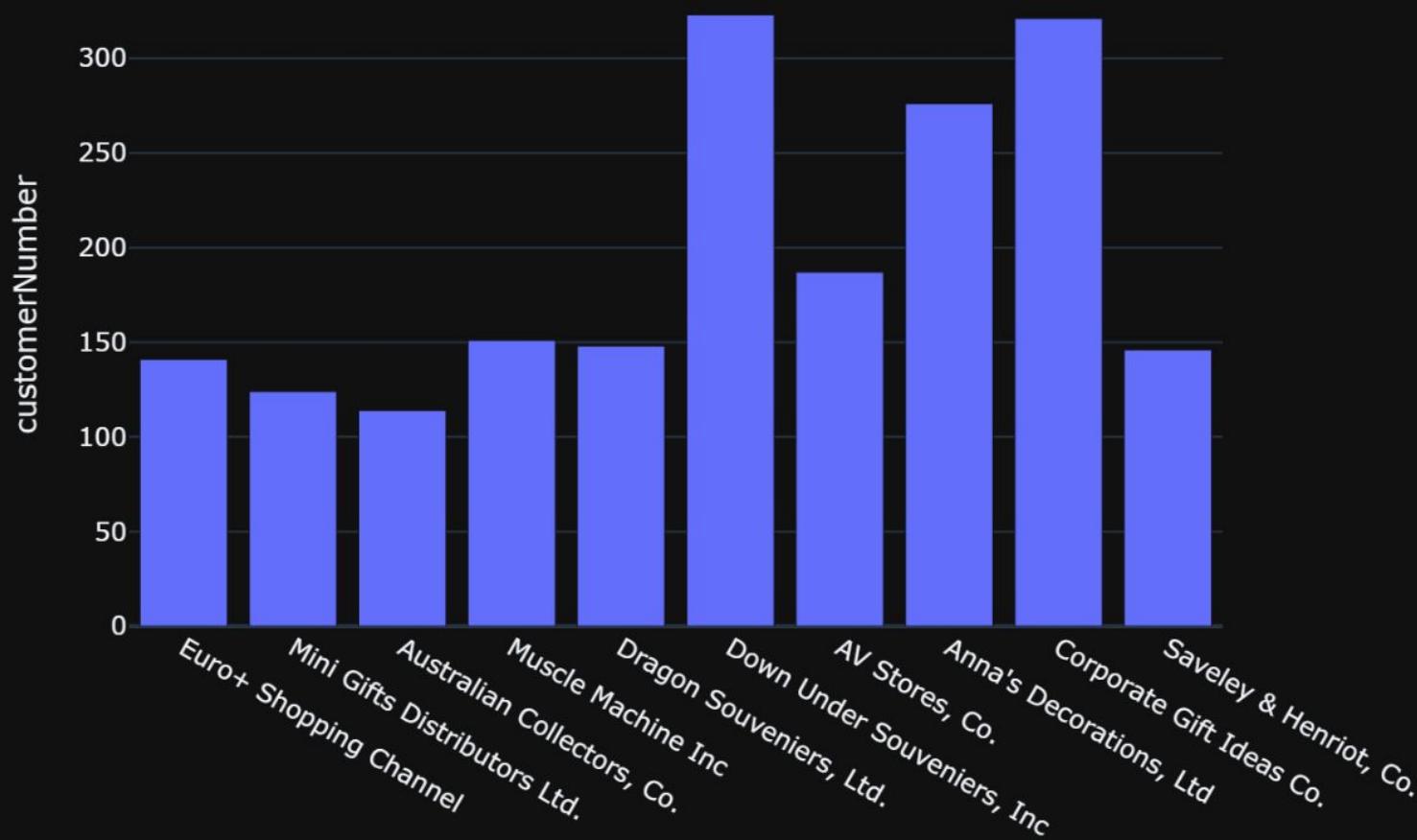
The notebook is running in a Python 3.13.5 environment, indicated by the status bar. The bottom navigation bar includes links for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, PORTS, and JUPYTER.

```
resuesta = vn.ask(question="¿Dime el nombre de los 10 clientes que ha comprado más en total")
print(resuesta)
```

[9] ✓ 44.0s

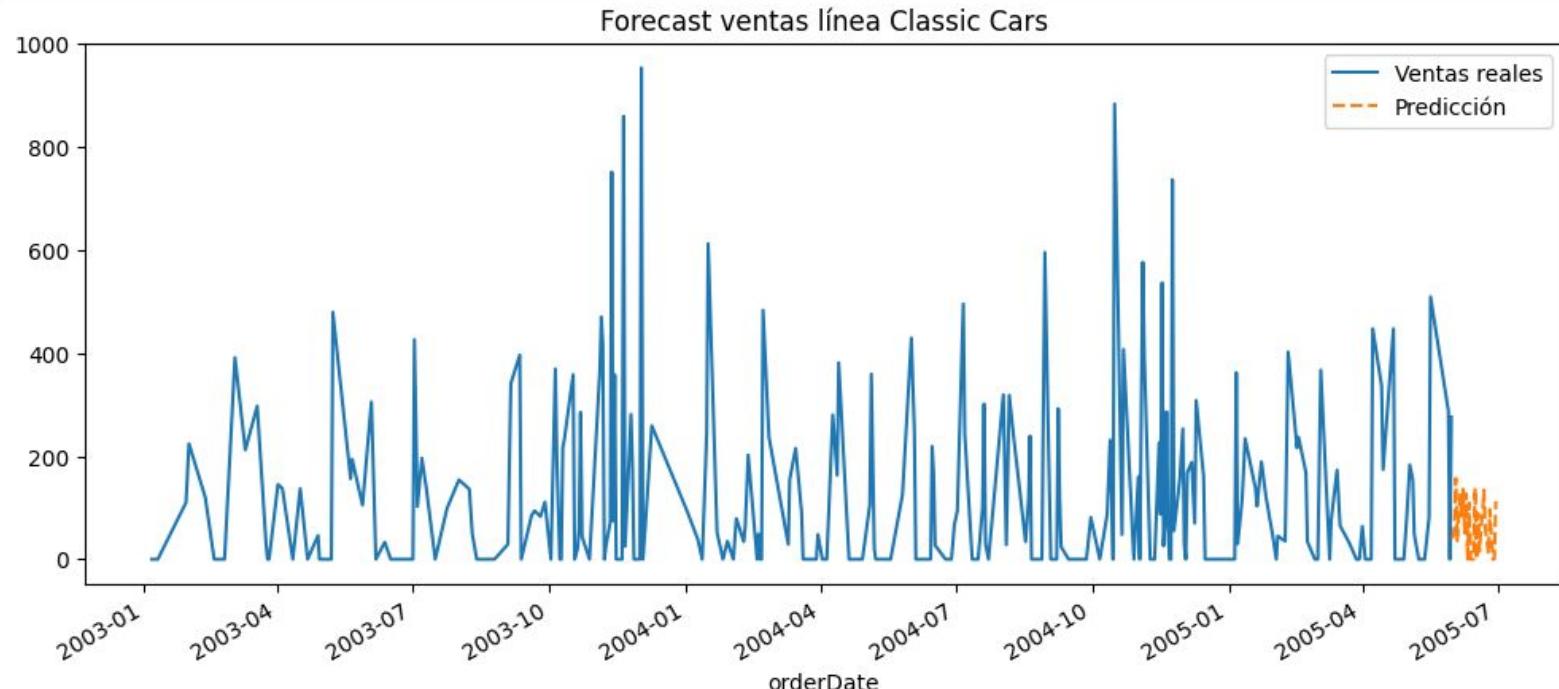
Python

```
.. SQL Prompt: [{"role": "system", "content": "You are a SQL expert. Please help to generate a SQL query to answer the question. Your response should ONLY be based on the given context."}]
Info: Ollama parameters:
model=deepseek-r1:7b,
options={},
keep_alive=None
Info: Prompt Content:
[{"role": "system", "content": "You are a SQL expert. Please help to generate a SQL query to answer the question. Your response should ONLY be based on the given context."}]
Info: Ollama Response:
model='deepseek-r1:7b' created_at='2025-10-04T07:55:27.0702906Z' done=True done_reason='stop' total_duration=19810684300 load_duration=37866900 prompt_eval_count=1888
LLM Response: <think>
Okay, let me try to figure out how to answer the user's question. The user is asking for the names of the top 10 customers who have spent the most in total and their respective total spending.
First, I'll look at the tables provided. There's a 'customers' table with customerNumber, customerName, contactLastName, etc., including country. Then there's a 'payments' table with paymentId, amount, paymentDate, etc.
To get the total spending per customer, I can use SQL to sum up all amounts for each customerNumber in the payments table. But since customers might not have any payments, I'll need to handle that case.
I'll join the 'payments' table with the 'customers' table using customerNumber as the key. Then, group by customerNumber and sum up the amounts. This will give me each customer's total spending.
Next, I need to add the country information from the customers table. So after calculating the total spent per customer, I'll join it again with the 'customers' table to get the customerName and contactLastName.
To find the top 10 customers who have spent the most, I'll order the results by the total amount in descending order and limit it to 10 rows.
I should also make sure that the SQL query is correct, using the appropriate JOIN clauses and functions. Testing might be needed to ensure there are no errors and the results are as expected.
</think>
```



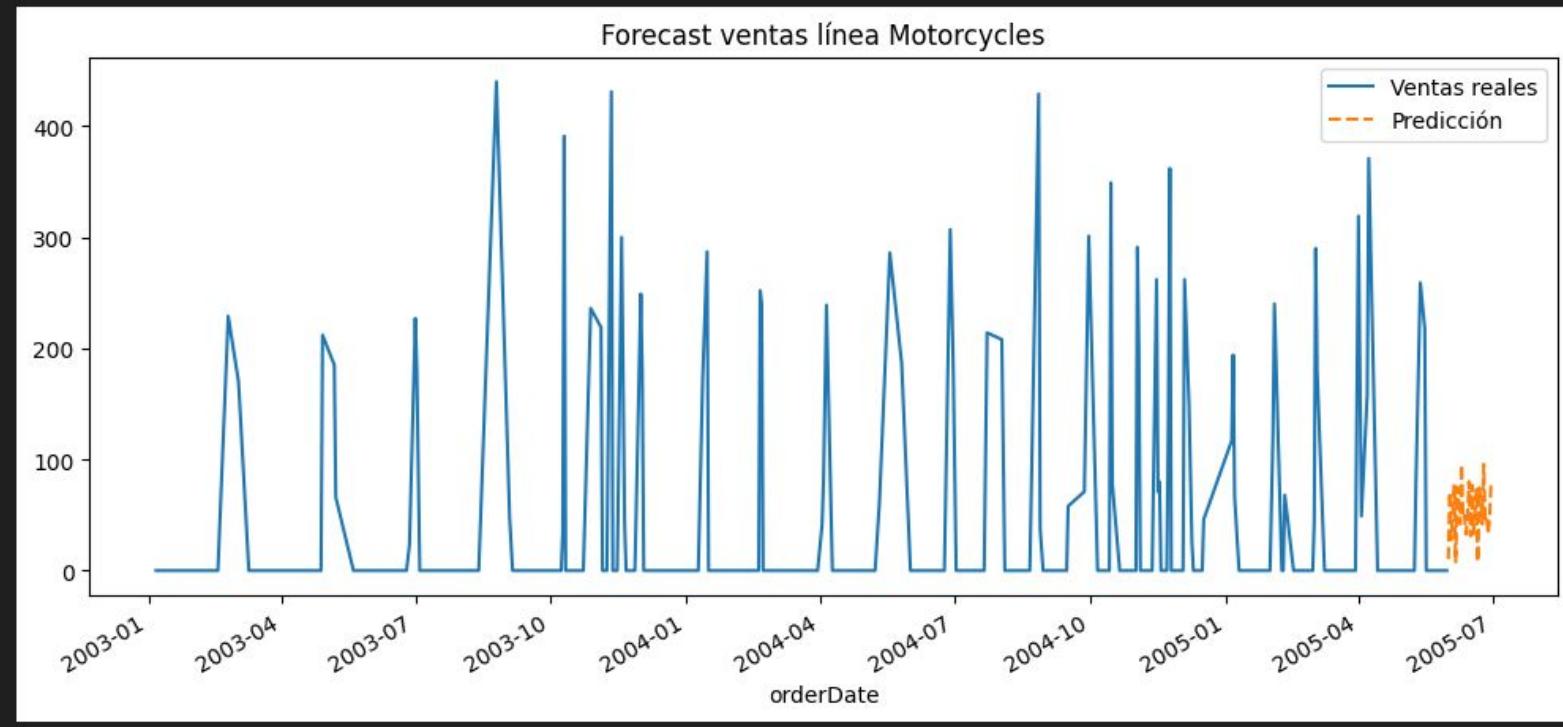
Skforecast：是 Python 库，用于时间序列预测，可以结合机器学习模型(如 LightGBM、Random Forest 等)预测未来数据。

```
plt.plot(
```

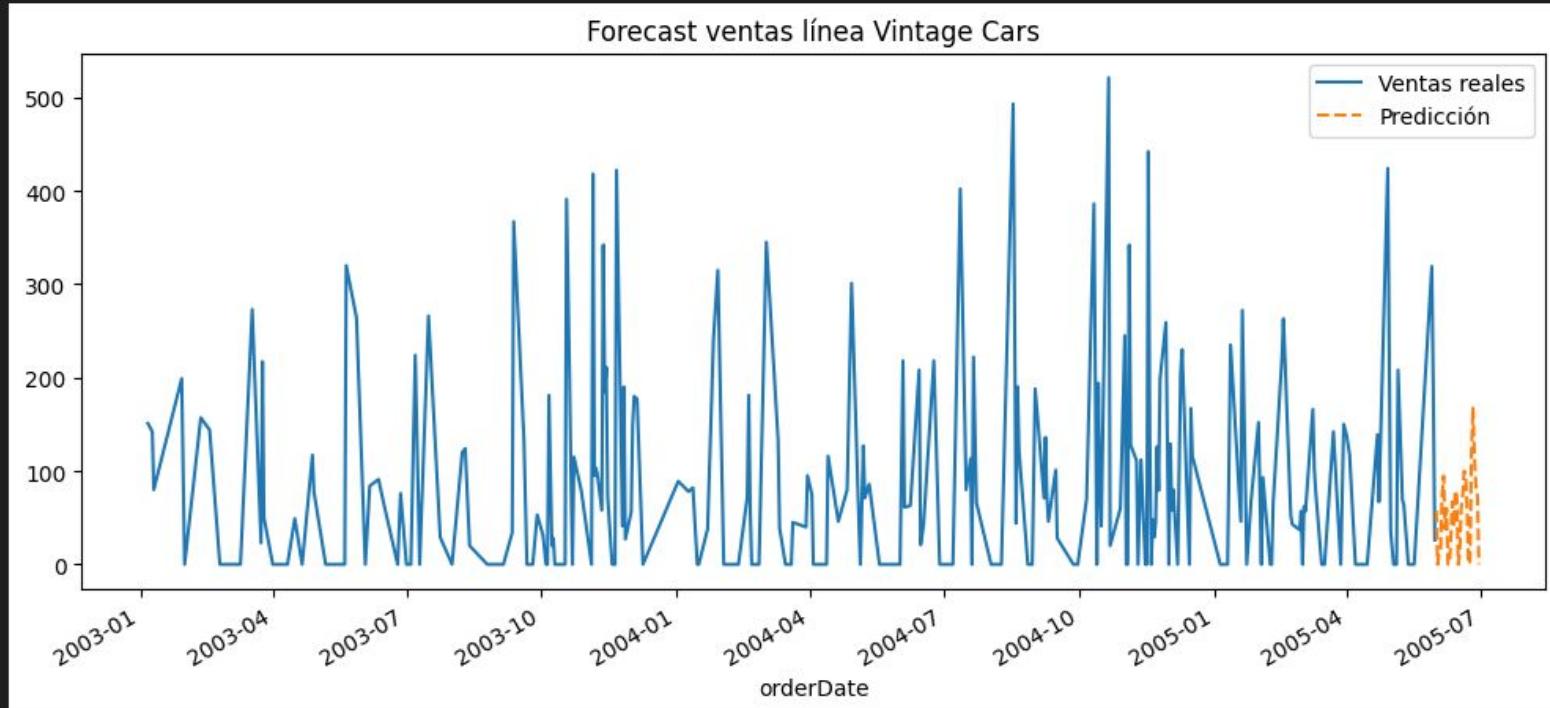


```
C:\Users\j\Downloads\updated (local)\Temp\l2pyRFID\2003-10 (3730302377.py:5): UserWarning: This axis already has a converter set and is updating to a potential
```

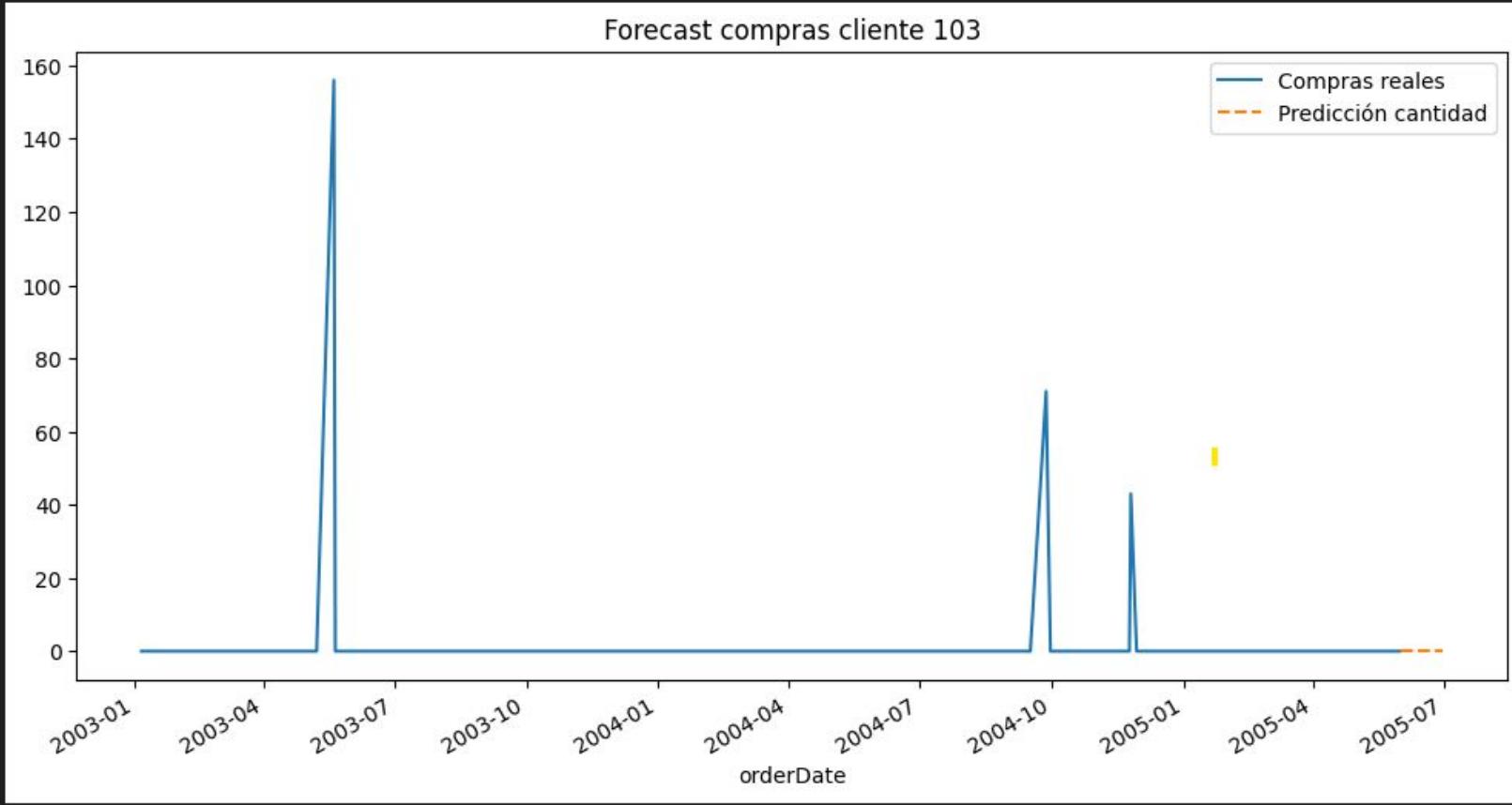
```
plt.plot()
```



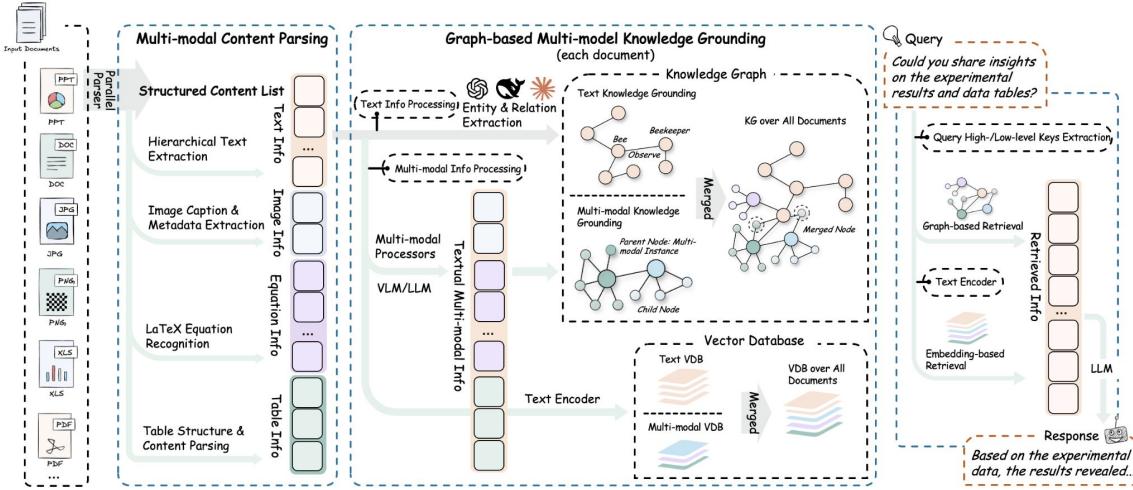
```
c:\Users\fdsm\AppData\Local\Temp\ipykernel_20648\3756302947.py:55: UserWarning: This axis already has a converter set and is updating to a potentially
```



```
plt.plot(
```



RAG-Anything



可以把 RAG-Anything 想象成一个 超级智能图书管理员：

- 你把各种书(Excel、PDF、网页)交给他，他会帮你拆分、分类、记忆(embedding)。
- 当你问问题时，他不会傻傻地把所有书给你看，而是先找出最相关的几页，再用他的智慧(LLM)帮你总结成答案。

RAG-Anything 是一个工具/框架，用来把 检索增强生成(RAG, Retrieval-Augmented Generation) 技术应用到各种数据源上。

它的目标是：

1. 让你可以把 **任何格式的数据** (文档、Excel 表格、数据库、PDF 等) 放进知识库。
2. 用 **embedding(向量化语义表示)** 和 **大语言模型(LLM, 比如 GPT-4、GPT-5)** 结合，实现 **问答 / 搜索 / 总结**。
3. 避免 LLM 上下文窗口太小的问题——不是直接把所有数据丢给模型，而是先检索，再生成回答。

```
# -----
# result = await rag.aquery(
#     "List the product names with their stock quantities and buy prices",
#     mode="hybrid"  # usa embeddings + LLM
# )
# print("Query result:", result)

# -----
# 5 Ejecutar en Jupyter con await
# -----
await insert_excel_to_rag()
```

21 ✓ 14m 54.4s

Query result: I'm unable to provide stock quantities and buy prices because that information is not present in the provided context.

What is available from the context

- Product names (product lines): Classic Cars, Motorcycles, Planes, Ships, Trains, Trucks and Buses, Vintage Cars.
- Some related details exist for these product lines (e.g., materials, scale ranges, certificate of authenticity, and display-ready status), but no stock

Note on pricing that is available

- For Vintage Cars, there is a price range mentioned: \$30.00 to \$180.00. This is the only explicit price data tied to a product line in the provided context.

If you can share a dataset or specify a table that includes stock quantities and buy prices, I can compile the list accordingly.

References

列出产品名称及其库存数量和购买价格

- 产品名称(产品线):经典汽车、摩托车、飞机、轮船、火车、卡车和公共汽车、古董车。
- 这些产品线有一些相关详细信息(例如, 材质、比例范围、真品证书和可展示状态), 但数据中未列出库存数量或购买价格。

关于可用价格的说明

- 古董车的价格范围为:30.00 美元至 180.00 美元。这是提供的内容中唯一与产品线相关的明确价格数据, 并且未指定单个产品的购买价格或库存数量。

如果您可以分享数据集或指定包含库存数量和购买价格的表格, 我可以相应地编制清单。