

Problem Statement

- The given Shipping database contains the sales data for a company named “Cochin Traders,” which imports and exports specialty foods from around the world.
- The company is currently facing several operational challenges, and there is a pressing need to analyze the data to identify areas for improvement in supply chain management and sales performance.

Description

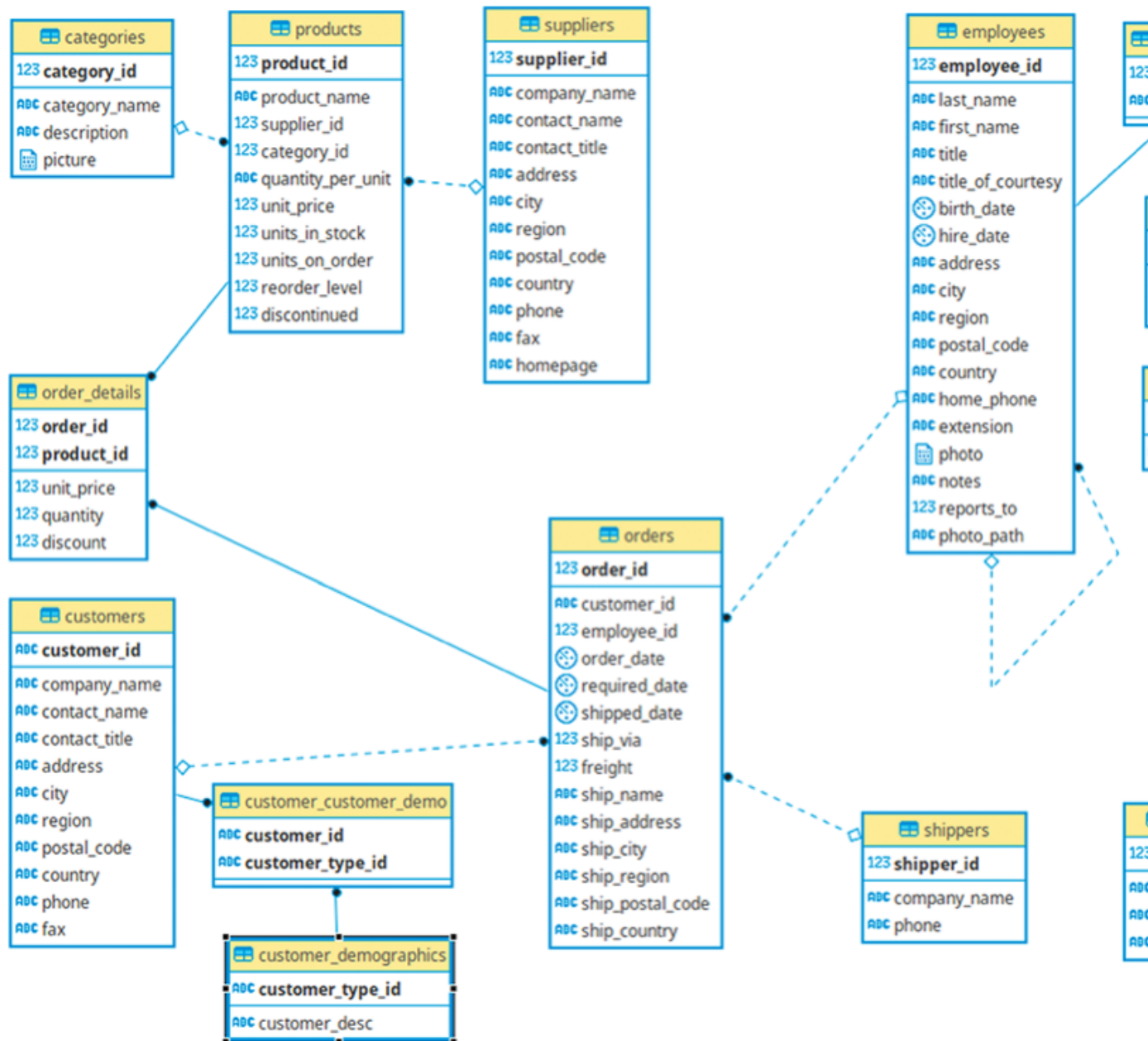
The Cochin Traders database includes data for the followings:

1. **Suppliers:** Suppliers and Vendors of Cochin
2. **Customers:** Customers who buy products from Cochin
3. **Employees:** Employee details of Cochin Traders
4. **Products:** Product Information
5. **Shippers:** Details of the shippers who ship the products to the end-customers.
6. **Orders and Order_Details:** Sales order transactions taking place between the customers and the company.

Dataset link

https://drive.google.com/drive/folders/1TsID_Hme6MGALTvjfGUF9CIBgzhnFy4?usp=drive_link

Database Schema



***Ques1. Fetch the full name and hiring date of all Employees who work as Sales Representatives.**

***Ques2. Which of the products in our inventory need to be reordered?**

***Ques3. Find and display the details of customers who have placed more than 5 orders.**

***Ques4. An employee of ours (Margaret Peacock, EmployeeID 4) has the record of completing most orders. However, there are some customers who've never placed an order with her. Show such customers.**

***Ques5.** The developers at Cochin Traders are testing an app that the customers will use to show orders. In order to make sure that even the largest orders will show up correctly on the app, they'd like some samples of orders that have lots of individual line items. Display the top 10 orders with the most line items.

***Ques6.** Retrieve the top 5 best-selling products on the basis of the quantity ordered.

***Ques7.** Analyze the monthly order count for the year 1997.

***Ques8.** Calculate the difference in sales revenue for each month compared to the previous month.

***Ques9.** Calculate the percentage of total sales revenue for each product.

***Ques10.** Determine the cumulative percentage of total sales revenue for each month.