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Neural
Index

Copilot
Model

① Schema
Routing

LLM

② SQL
Generation

Routed Schema



china_macro

actuals



regions



indicators



periods



forecasts



institutions



Task Instruction

Complete SQL query only and with no explanation

Schema

Tables with their properties: {{ Routed Schema }}

Question

What are the quarterly GDP figures for all cities within Guangdong for the last year?

SQL Output

```
SELECT r.name AS city_name, p.start_date, p.end_date, a.value AS gdp
FROM china_macro.actuals a
  JOIN china_macro.regions r ON a.region_id = r.id
  JOIN china_macro.indicators i ON a.indicator_id = i.id
  JOIN china_macro.periods p ON a.period_id = p.id
WHERE
  r.parent_id = (SELECT id FROM china_macro.regions WHERE name = 'Guangdong')
  AND i.name = 'GDP' AND p.type = 'quarterly'
  AND p.start_date >= '2023-01-01' AND p.end_date <= '2023-12-31'
ORDER BY r.name, p.start_date;
```



Here are the quarterly GDP figures for cities within Guangdong
for the last year: ...

What are the quarterly GDP figures for all cities
within Guangdong for the last year?

