👩‍💻 Gemini SQL Assistant for MS SQL Server

Choose your mode and ask your question!

Available modes:

(•) Local DBs ( ) JSON Schema

📁 Choose a database

Mobiles

📱 Cellphones Information Database Overview

This database contains details on cell phone sales and transactions. You can query information from the following SIX tables:

- `DIM_DATE`: Date dimensions for transactions (Year, Quarter, Month).
- `DIM_CUSTOMER`: Customer details (Name, Email, Phone).
- `DIM_MODEL`: Cell phone model details (Name, Unit Price, Manufacturer).
- `DIM_MANUFACTURER`: Manufacturer information.
- `DIM_LOCATION`: Store location details (Zip Code, Country, State, City).
- `FACT_TRANSACTIONS`: Core sales transactions, linking all dimensions to provide details on what was sold, by whom, where, and when, along with quantity and total price.

Ask your question

Show the manufacturers that sold cellphones in 2010 but did not in 2009

Run Query

📄 Generated SQL Query

```
SELECT
  T2.Manufacturer_Name
FROM FACT_TRANSACTIONS AS T1
INNER JOIN DIM_MODEL AS T3
  ON T1.IDModel = T3.IDModel
INNER JOIN DIM_MANUFACTURER AS T2
  ON T3.IDManufacturer = T2.IDManufacturer
INNER JOIN DIM_DATE AS T4
  ON T1.Date = T4.DATE
WHERE
  T4.YEAR = 2010
EXCEPT
SELECT
  T2.Manufacturer_Name
FROM FACT_TRANSACTIONS AS T1
INNER JOIN DIM_MODEL AS T3
  ON T1.IDModel = T3.IDModel
INNER JOIN DIM_MANUFACTURER AS T2
  ON T3.IDManufacturer = T2.IDManufacturer
INNER JOIN DIM_DATE AS T4
  ON T1.Date = T4.DATE
WHERE
  T4.YEAR = 2009;
```

📊 Query Results

Manufacturer_Name
HTC

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○ Local DBs ◉ JSON Schema

Paste your schema in JSON format below:

📄 JSON Schema

```
{
 "Teams": {
  "TeamID": "INT",
  "Name": "VARCHAR",
  "Coach": "VARCHAR",
  "Country": "VARCHAR"
 },
 "Players": {
  "PlayerID": "INT",
  "Name": "VARCHAR",
  "TeamID": "INT",
  "Position": "VARCHAR",
  "Age": "INT"
 },
 "Matches": {
  "MatchID": "INT",
  "Team1ID": "INT",
  "Team2ID": "INT",
  "MatchDate": "DATE",
  "Location": "VARCHAR"
 },
 "Scores": {
  "ScoreID": "INT",
  "MatchID": "INT",
  "TeamID": "INT",
  "Points": "INT"
 }
}
```


Ask your question based on the schema

Who are the top 5 goal scorers (based on Points)?

Run Query

🗒️ Generated SQL Query

```
SELECT TOP 5 T.Name AS TeamName,
       SUM(S.Points) AS TotalPoints
FROM Scores AS S
JOIN Teams AS T
```

```
  ON S.TeamID = T.TeamID
GROUP BY
  T.Name
ORDER BY
  TotalPoints DESC;
```