

# Text2SQL AI Assistant

## Quick Start - Sample Questions

Popular queries to get you started:

How many customers do we have?

Top 10 best-selling films?

Monthly rental trends

Which category has highest revenue?

Customers with most rentals

Average rental duration

## Ask Your Question

Enter your question about the database: ?

Store performance comparison

Generate Query & Analyze

Clear

☒ Show SQL

☒ Show Analysis

Visualization: 

Auto-detect

## AI Processing

## Results & Insights

Query executed successfully!

## Generated SQL Query

```
SELECT store, total_sales FROM sales_by_store ORDER BY total_sales DESC;
```

Query Validation Notes

2

ROWS

2

COLUMNS

0.06s

EXEC TIME

## Data Visualization

Distribution of store



🧠 AI Insights & Analysis

- 1. Key findings and insights** The two stores, Woodridge, Australia and Lethbridge, Canada, show remarkably similar total sales figures, with Woodridge having slightly higher sales (33,726.77) compared to Lethbridge (33,679.79). The difference is minimal (\$46.98), indicating near-identical performance based on this metric.
- 2. Notable patterns or trends** With only two data points, identifying trends is not possible. The most notable pattern is the extremely close performance between these two distinct store locations.
- 3. Business implications** The similar sales performance suggests that both stores are contributing almost equally to the overall sales volume represented by this data. This could imply consistent operational efficiency, market penetration, or customer base size across these two diverse geographic locations. It warrants further investigation to understand why the performance is so similar – is it due to effective standardized operations, similar market conditions, or perhaps hitting a sales ceiling?
- 4. Recommendations for data visualization** A simple **Bar Chart** would be the most effective visualization to compare the total sales of the two stores side-by-side. This clearly highlights the slight difference in sales volume.
- 5. Any anomalies or interesting observations** The most interesting observation is the near-identical total sales figures for two stores in different countries. This level of similarity is unusual and warrants deeper analysis into contributing factors. Additionally, the `total_sales` column is listed as an 'object' data type. This indicates it's likely stored as text and would need to be converted to a numerical type (like float or integer) for any further mathematical operations, aggregations, or accurate plotting.

📊 View Raw Data

	store	total_sales
0	Woodridge,Australia	33726.77
1	Lethbridge,Canada	33679.79

📄 Download CSV

📄 Download JSON