

# 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:

Top 10 best-selling films?

Generate Query & Analyze

Clear

☒ Show SQL

☒ Show Analysis

Visualization: 

Auto-detect

## AI Processing

## Results & Insights

Query executed successfully!

## Generated SQL Query

```
SELECT f.title, SUM(p.amount) AS total_sales FROM payment AS p JOIN rental AS r ON p.rental_id = r.rental_id JOIN inventory AS i ON r.inventory_id = i.inventory_id
```

Query Validation Notes

10

ROWS

2

COLUMNS

0.09s

EXEC TIME

## Data Visualization

Distribution of title



AI Insights & Analysis

- Key findings and insights:**
  - The top-selling film is "TELEGRAPH VOYAGE" with total sales of 231.73.
  - The 10th best-selling film in this list is "HUSTLER PARTY" with total sales of 190.78.
  - The total sales for the top 10 films range from 190.78 to 231.73.
- Notable patterns or trends:**
  - There is a clear ranking of films based on sales, with a gradual decrease in sales from the top film down to the 10th film.
  - The difference in sales between consecutive films in the top 10 appears relatively consistent, without any single film having drastically higher sales than the next one.
- Business implications:**
  - These films represent the most popular titles among customers and should be prioritized for inventory stocking and availability.
  - Understanding the characteristics or genres of these top films can inform future purchasing decisions and marketing strategies.
  - Promotional activities could focus on bundling or highlighting these top-performing titles.
- Recommendations for data visualization:**
  - A **Bar Chart** is ideal to clearly show the ranking of the top 10 films by their total sales. The film titles would be on one axis and total sales on the other.
  - Alternatively, a simple **Ranked List** with sales figures could be presented in a table format for easy reading.
- Any anomalies or interesting observations:**
  - The `total_sales` column is listed as having an 'object' data type, but the sample data appears to be numerical. This suggests a potential data type issue in the source or processing, which should be investigated to ensure accurate calculations if further analysis (like aggregation or arithmetic operations) is required. However, for simple ranking and display as requested, the current format is usable.

View Raw Data

	title	total_sales
2	ZORRO ARK	214.03
3	GOODFELLAS SALUTE	209.69
4	SATURDAY LAMBS	204.72
5	TITANS JERK	201.71
6	TORQUE BOUND	198.72
7	HARRY IDAHO	195.7
8	INNOCENT USUAL	191.74
9	HUSTLER PARTY	190.78

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Download JSON