

# UI INTERFACE IN NL2SQL

Database Connection

Choose Database Type

SQLite

SQLite Configuration

Choose SQLite File

product\_offers.db

Connect to SQLite

Developed by Team Vikings

localhost:8501

Deploy

## NL2SQL Assistant:

Powered by Google Gemini | Natural Language to SQL

View Schema

Ask your database question:

Show all offers available for Nestle products.

Generate SQL and Run

```
SELECT o.*
FROM offers AS o
JOIN products AS p
ON o.product_id = p.product_id
WHERE
p.brand = 'Nestle';
```

Query executed successfully!

offer_id	product_id	offer_text	start_date	end_date
0	1	10% Off on Nestle Oats	2024-05-01	2024-06-30

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 [View Schema](#)

```
{  
  "products": [  
    0 : "product_id (PK)"  
    1 : "name"  
    2 : "brand"  
    3 : "category"  
    4 : "stock"  
  ]  
  "offers": [  
    0 : "offer_id (PK)"  
    1 : "product_id"  
    2 : "offer_text"  
    3 : "start_date"  
    4 : "end_date"  
  ]  
}
```