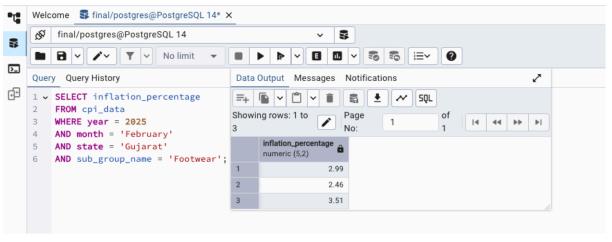
# **NL2SQL RESULTS**

# **Simple Query**

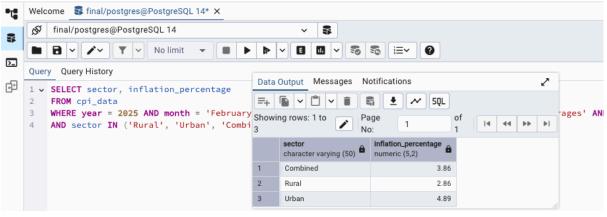
**Question 1:**Get the inflation percentage for Footwear in Gujarat in February 2025 **Expected outcome:** 



# **Output:**

```
{
   "query": "Get the inflation percentage for Footwear in Gujarat in February 2025",
   "result": {
        "result": "2.99, 2.46, and 3.51"
   }
}
```

**Question2**: Retrieve CPI inflation for Cereals and Products in Maharashtra in January 2025 **Expected Outcome**:



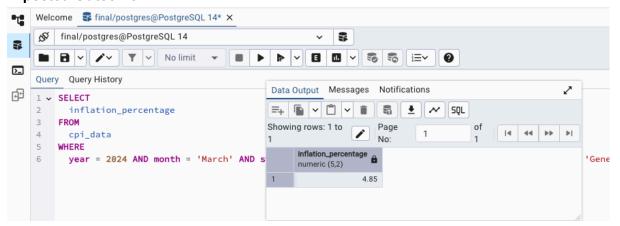
#### Output: {

"query": "Retrieve CPI inflation for Cereals and Products in Maharashtra in feb 2025 along with rural ,urban, combined",

```
"result": {
```

"result": "The CPI inflation for Cereals and Products in Maharashtra in February 2025 is 3.86% for the combined sector, 2.86% for the rural sector, and 4.89% for the urban sector."

} } **Question3:** Get the inflation rate for the General category in All India for March 2024 **Expected Outcome:** 

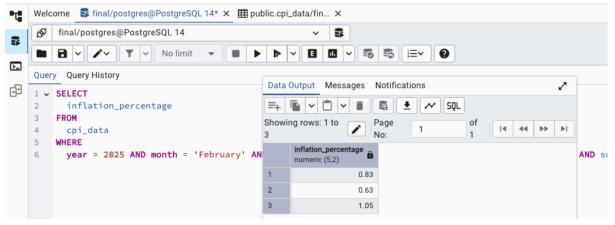


#### Result:

}

```
{
   "query": "Get the inflation rate for the General category in All India for March 2024",
   "result": {
        "result": "The inflation rate for the General category in All India for March 2024 is 4.85."
   }
```

**Question4:**Check the inflation rate for Meat and Fish in Karnataka in February 2025 **Expected Outcome:** 

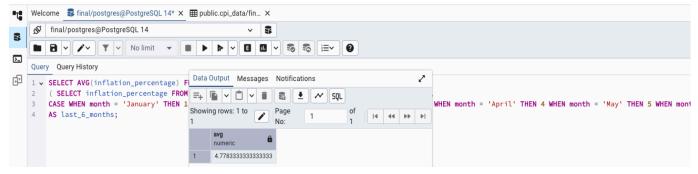


#### Result:

```
{
   "query": "Check the inflation rate for Meat and Fish in Karnataka in February 2025",
   "result": {
        "result": "The inflation rate for Meat and Fish in Karnataka in February 2025 was 0.83%,
        0.63%, and 1.05%."
    }
}
```

# **Moderate Query**

**Question1**: What is the average inflation rate in Andhra Pradesh over the last 6 months?" **Expected Results**:

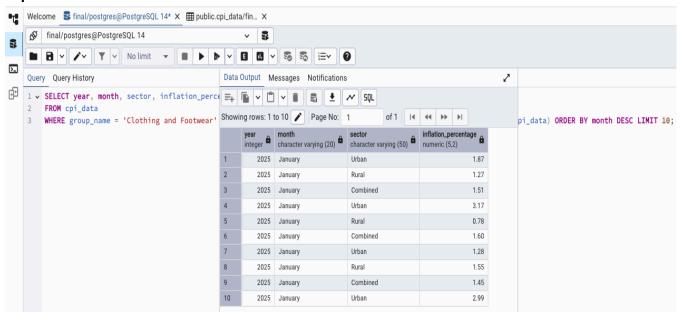


## **Output:**

"query": "What is the average inflation rate in Andhra Pradesh over the last 6 months?",
"result": {
 "result": "The average inflation rate in Andhra Pradesh over the last 6 months is 4.78."
}

**Question2**: How has footwear inflation varied between rural and urban areas in the last three months?

#### **Expected Results:**



#### Outcome:{

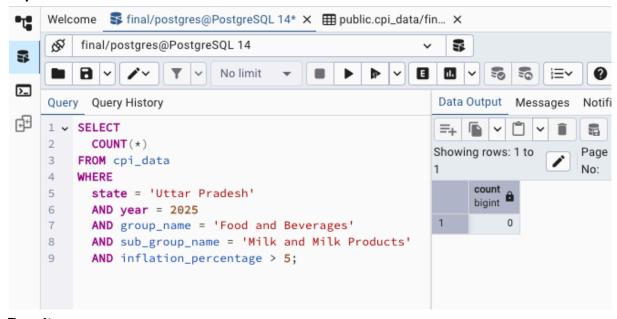
"query": "How has footwear inflation varied between rural and urban areas in the last three months?",

"result": {

"result": "The footwear inflation percentages for January 2025 are as follows:\n- Urban: 1.87%, 3.17%, 1.28%, 2.99%\n- Rural: 1.27%, 0.78%, 1.55%\n- Combined: 1.51%, 1.60%, 1.45%\nI can only provide the data for January 2025 as that is the latest available data in the database."

**Question3 :** Give the total count of records where the inflation rate for 'Milk and Milk Products' under 'Food and Beverages' in Uttar Pradesh was above 5% in 2025.

### **Expected Outcome:**



## Result:

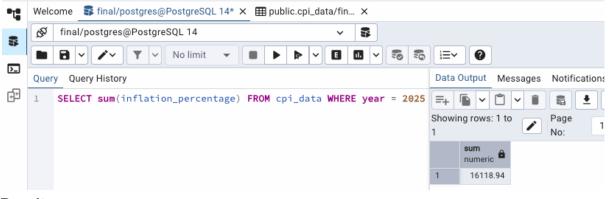
{

"query": "Give the total count of records where the inflation rate for 'Milk and Milk Products' under 'Food and Beverages' in Uttar Pradesh was above 5% in 2025.",

```
"result": {
    "result": "0"
}
```

Question4: Give the total inflation sum for last year.

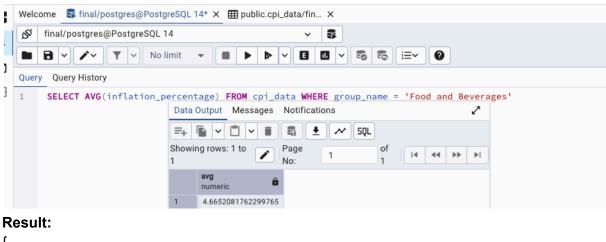
### **Expected Outcome:**



#### Results:

```
{
    "query": "Give the total inflation sum for last year",
    "result": {
        "result": "16118.94"
    }
```

Question5: What is the average inflation rate for food items?
Expected Outcome:

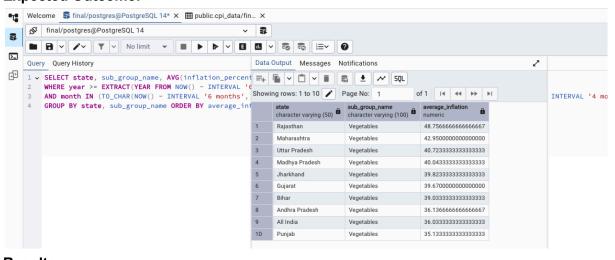


```
{
  "query": "What is the average inflation rate for food items?",
  "result": {
    "result": "4.67"
  }
}
```

## **Complex Query**

**Question 1.**Tell me which sub-categories had the highest inflation in the last six months, grouped by state.

#### **Expected Outcome:**



## Results:

"query": "Tell me which sub-categories had the highest inflation in the last six months, grouped by state.",

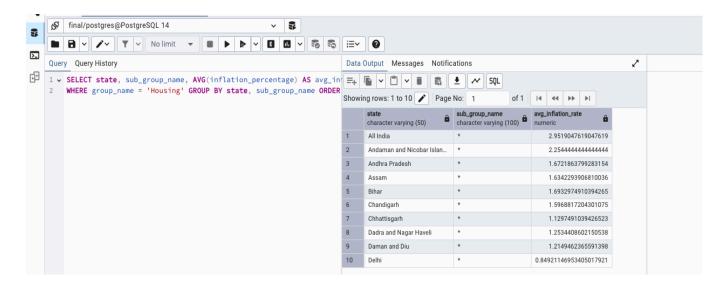
"result": {

"result": "The sub-categories with the highest average inflation in the last six months, grouped by state are: Rajasthan (Vegetables, 48.76%), Maharashtra (Vegetables, 42.95%), Uttar Pradesh (Vegetables, 40.72%), Madhya Pradesh (Vegetables, 40.04%), Jharkhand

```
(Vegetables, 39.82%), Gujarat (Vegetables, 39.67%), Bihar (Vegetables, 39.03%), Andhra Pradesh (Vegetables, 36.14%), All India (Vegetables, 36.03%), and Punjab (Vegetables, 35.13%)."
}
```

**Question2:**Can you compare the average inflation rate for different sub-groups within the Housing category across states?

### **Expected Outcome:**



#### Result:

```
"query": "Can you compare the average inflation rate for different sub-groups within the Housing category across states?",
"result": {
```

```
"result": "The average inflation rates for different sub-groups within the Housing category across states are as follows: All India - * : 2.95, Andaman and Nicobar Islands - * : 2.25, Andhra Pradesh - * : 1.67, Assam - * : 1.63, Bihar - * : 1.69, Chandigarh - * : 1.59, Chhattisgarh - * : 1.12, Dadra and Nagar Haveli - * : 1.25, Daman and Diu - * : 1.21, Delhi - * : 0.84. (Limited to 10 results)"
}
```