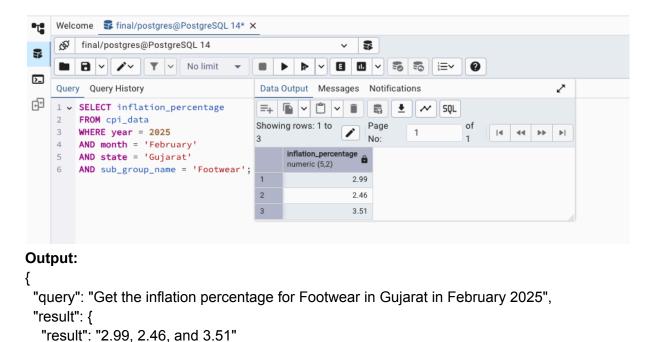
# **NL2SQL RESULTS**

Query Type	Question	Expected Outcome	Results
simple	Get the inflation percentage for Footwear in Gujarat in February 2025	2.99, 2.46, 3.51	"2.99, 2.46, and 3.51"
simple	Retrieve CPI inflation for Cereals and Products in Maharashtra in January 2025	Combined 3.86 Rural 2.86 Urban 4.89	"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."
simple	Get the inflation rate for the General category in All India for March 2024	4.85	The inflation rate for the General category in All India for March 2024 is 4.85.
simple	Check the inflation rate for Meat and Fish in Karnataka in February 2025	0.83 0.63 1.05	The inflation rate for Meat and Fish in Karnataka in February 2025 was 0.83%, 0.63%, and 1.05%.
moderate	What is the average inflation rate in Andhra Pradesh over the last 6 months?	7.778333333333	The average inflation rate in Andhra Pradesh over the last 6 months is 4.78.
moderate	How has footwear inflation varied between rural and urban areas in the last three months?	2025 , january , urban ,1.87 2025 , january , urban ,3.17, 2025 , january , urban ,1.28 2025 , january , urban , 2.99 2025 , january , rural,1.27 2025 , january , rural,0.78 2025 , january , rural,1.55 2025 , january , combined,1.51 2025 , january , combined,1.60 2025 , january , combined,1.45	"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."
moderate	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.	0	0

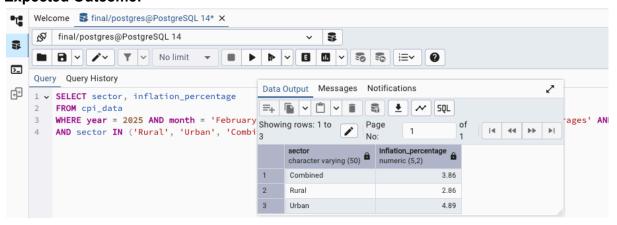
moderate	Give the total inflation sum for last year.?	16118.94	"16118.94"
moderate	What is the average inflation rate for food items?	4.66520817	"4.67"
complex	Tell me which sub-categories had the highest inflation in the last six months, grouped by state.?	Rajasthan,Vegetables,48.7666666667  Maharashtra,Vegetables,42.950000000  Uttar Pradesh ,Vegetables,40.723333333  Madhya Pradesh,Vegetables,40.04333333  Jharkhand,Vegetables,39.823333333  Gujarat,Vegetables,39.670000000  Bihar,Vegetables,39.03333333  Andhra Pradesh,Vegetables,36.13666666  All India ,Vegetables,36.033333  Punjab,Vegetables,35.133333	"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%)."
complex	Can you compare the average inflation rate for different sub-groups within the Housing category across states?"	All India ,2.951904761 Andaman and Nicobar Islands , 2.254444444 Andhra Pradesh , 1.67218637 Assam , 1.633422939 Bihar ,1.693297491 Chandigarh , 1.596881720 Chhattisgarh , 1.12974910 Dadra and Nagar Haveli , 1.25344086 Daman and Diu , 1.21494623 Delhi , 0.8492114695	"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)"

## **Simple Query**

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



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."
}

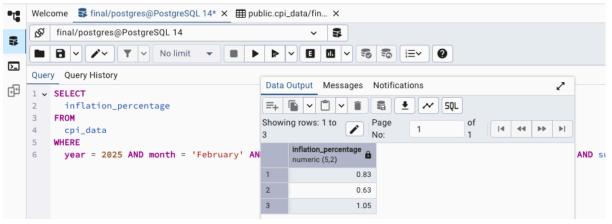
**Question3:** Get the inflation rate for the General category in All India for March 2024 **Expected Outcome:** 



#### 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:** 

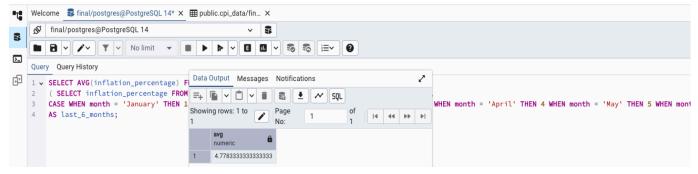


#### Result:

```
{
   "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**:

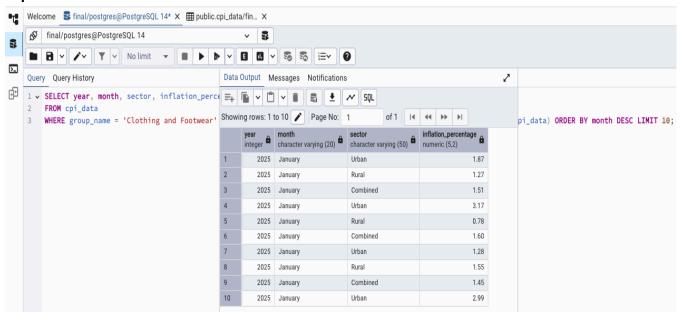


### **Output:**

"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:{

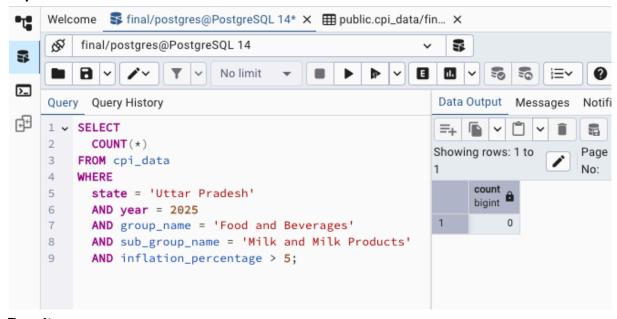
"query": "How has footwear inflation varied between rural and urban areas in the last three months?",

"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:

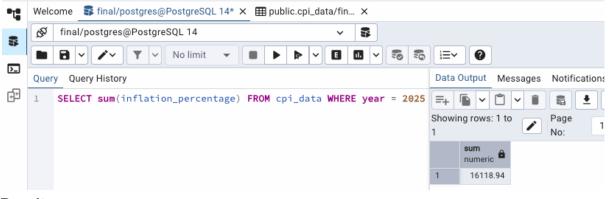
{

"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.

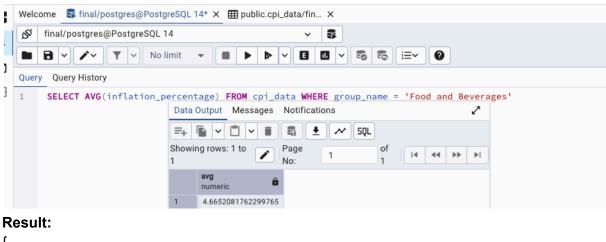
#### **Expected Outcome:**



#### 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:

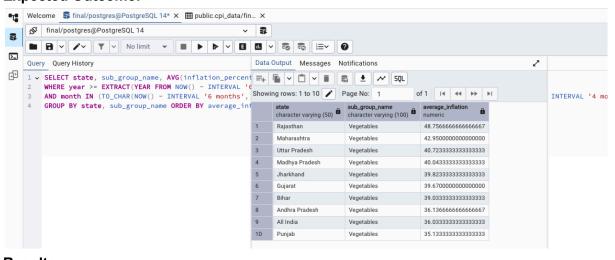


```
{
  "query": "What is the average inflation rate for food items?",
  "result": {
    "result": "4.67"
  }
}
```

## **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.",

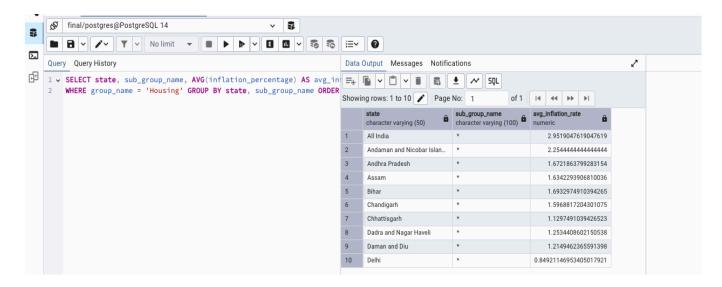
"result": {

"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)"

}
```