

2025-04-12 3:38pm2025-04-12 4:29pm2025-04-12 5:22pm2025-04-12 5:53pmpower bi2025-04-13 12:49pm

DatabasesWorksheets

Search objects

AZURE\_DATABASEPOWERBIPOWERBI2INFORMATION\_SCHEMAPOWERBI2\_DATATablesENERGY\_CONSUMPTIONPOWERBI\_DATASETTABLEAU\_DATASETPUBLICSNOWFLAKESNOWFLAKE\_SAMPLE\_DATA TEST

POWERBI2.POWERBI2\_DATASettings

```
1 CREATE OR REPLACE STORAGE INTEGRATION PBI_Integration
2 TYPE = EXTERNAL_STAGE
3 STORAGE_PROVIDER = 'S3'
4 ENABLED = TRUE
5 STORAGE_AWS_ROLE_ARN = 'arn:aws:iam::251242825124:role/powerbiproject24.role'
6 STORAGE_ALLOWED_LOCATIONS = ('s3://powerbi.project24/')
7 COMMENT = 'Optional Comment'
8
9
10 //description Integration Object
11 desc integration PBI_Integration;
12
13 CREATE OR REPLACE STORAGE INTEGRATION tableau_Integration
14 TYPE = EXTERNAL_STAGE
15 STORAGE_PROVIDER = 'S3'
16 ENABLED = TRUE
17 STORAGE_AWS_ROLE_ARN = 'arn:aws:iam::825765422200:role/tableau.role'
18 STORAGE_ALLOWED_LOCATIONS = ('s3://tableau.project/')
19 COMMENT = 'Optional Comment'
```

ResultsChart

	HOUSEHOLD_ID	REGION	COUNTRY	ENERGY_SOURCE	MONTHLY_USAGE_KWH	YEAR	YEAR
1	H01502	North America	USA	Hydro	1147.839	2024	2020
2	H02654	North America	USA	Biomass	1318.425	2024	
3	H02469	Australia	New Zealand	Geothermal	835.153	2024	
4	H02414	South America	Peru	Rinmaes	628.87	2021	

61°FCloudy

Search

2:10 PM4/13/2025



The screenshot displays the Snowflake web interface. On the left, the 'Databases' sidebar shows a tree structure: AZURE\_DATABASE, POWERBI, and POWERBI2. Under POWERBI2, there is an INFORMATION\_SCHEMA and a POWERBI2\_DATA database. The POWERBI2\_DATA database contains three tables: ENERGY\_CONSUMPTION, POWERBI\_DATASET, and TABLEAU\_DATASET. The main panel shows a SQL query being executed in the 'power bi' database. The query creates two stages, loads data from S3 into them, and then copies the data into a table named 'powerbi\_dataset'. The results are displayed in a table with columns: HOUSEHOLD\_ID, REGION, COUNTRY, ENERGY\_SOURCE, MONTHLY\_USAGE\_KWH, and YEAR. The results show data for four households across different regions and countries, with monthly usage in kWh and the year 2020.

	HOUSEHOLD_ID	REGION	COUNTRY	ENERGY_SOURCE	MONTHLY_USAGE_KWH	YEAR
1	HO1502	North America	USA	Hydro	1147.839	2024
2	HO2654	North America	USA	Biomass	1310.425	2024
3	HO2469	Australia	New Zealand	Geothermal	835.153	2024
4	HO2414	South America	Peru	Rinnace	828.87	2021



