

Ćwiczenia:

1. Ile rekordów znajduje się w tabeli nyc_streets?
2. Ile ulic w Nowym Jorku ma nazwy zaczynające się na „B”, „Q” i „M”?
3. Jaka jest populacja miasta Nowy Jork?
4. Jaka jest populacja Bronxu, Manhattanu i Queens?
5. Ile dzielnic ("neighborhoods") znajduje się w każdej gminie (borough)?

Zadanie 1. Ile rekordów znajduje się w tabeli nyc_streets?

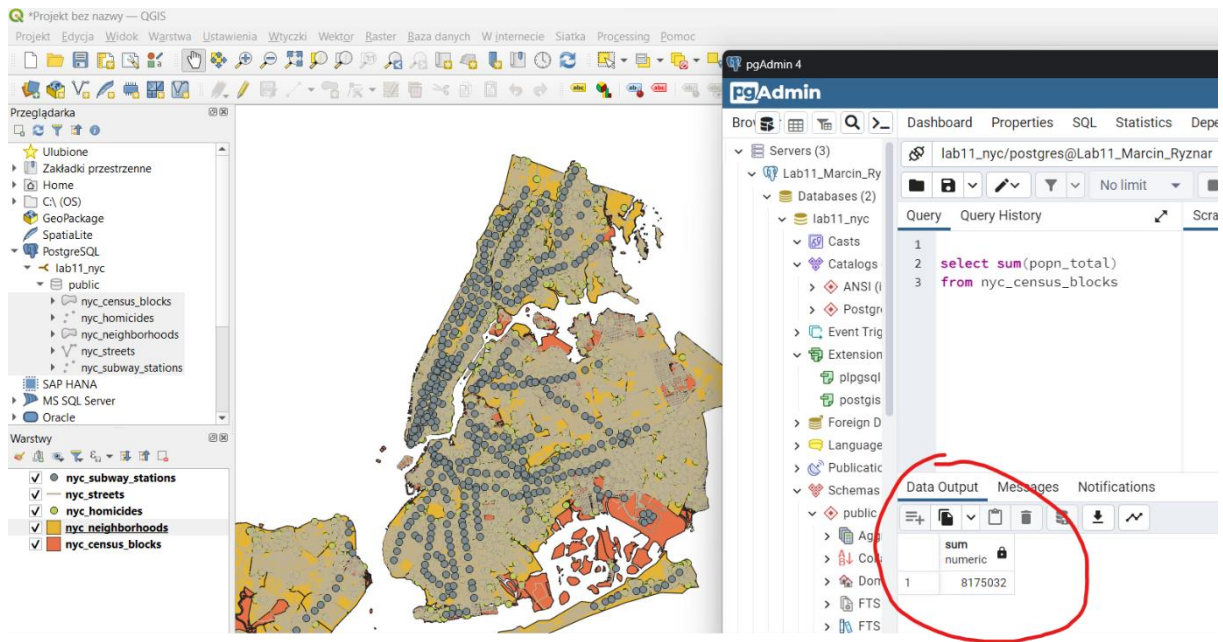
Zadanie

The screenshot shows the QGIS interface on the left with a map of New York City and the pgAdmin 4 interface on the right. In pgAdmin, the 'lab11_nyc/postgres@Lab11_Marcin_Ryznar' database is selected. The 'Query' tab is active, showing the SQL query: `select count(name) FROM nyc_streets`. The 'Data Output' tab is also visible, showing the result of the query: a single row with the column 'count bigint' and the value '17099'.

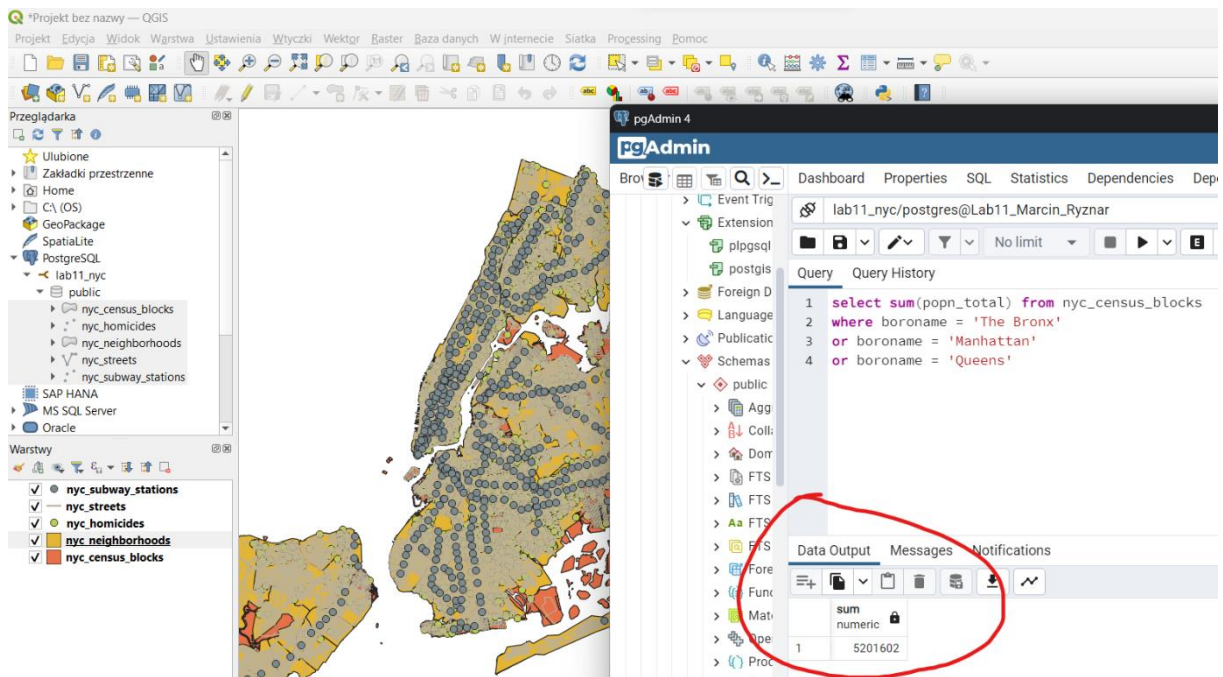
Zadanie 2. Ile ulic w Nowym Jorku ma nazwy zaczynające się na „B”, „Q” i „M”?

The screenshot shows the QGIS interface on the left and the pgAdmin 4 interface on the right. In pgAdmin, the 'Query' tab is active, showing the SQL query: `select count(name) AS number_of_streets from nyc_streets where name like 'B%' or name like 'Q%' or name like 'M%'`. The 'Data Output' tab is also visible, showing the result of the query: a single row with the column 'number_of_streets bigint' and the value '2102'.

Zadanie 3. Jaka jest populacja miasta Nowy Jork?



Zadanie 4 Jaka jest populacja Bronxu, Manhattanu i Queens?



Zadanie 5. Ile dzielnic („neighborhoods”) znajduje się w każdej gminie (borough)?

The image shows a QGIS interface on the left and a pgAdmin 4 window on the right. The QGIS map displays a geographic area with various layers, including 'nyc_neighborhoods' (yellow) and 'nyc_census_blocks' (orange). The pgAdmin 4 window shows a SQL query executed against the 'nyc_neighborhoods' table, grouped by borough. The results are displayed in a table with two columns: 'liczba_dzielnic' (number of neighborhoods) and 'gmina' (borough).

Query:

```
select count(name) as liczba_dzielnic,  
boroname as gmina from nyc_neighborhoods  
group by boroname
```

Results:

liczba_dzielnic	gmina
30	Queens
23	Brooklyn
24	Staten Island
24	The Bronx
28	Manhattan