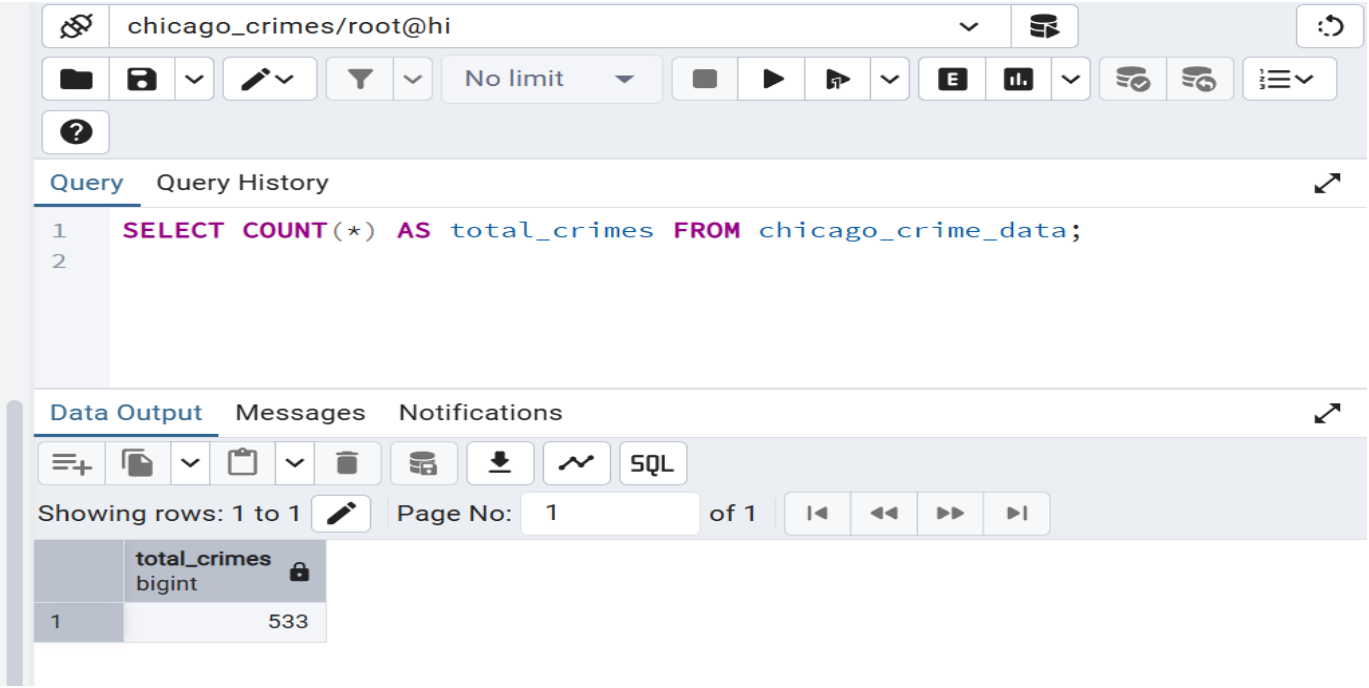
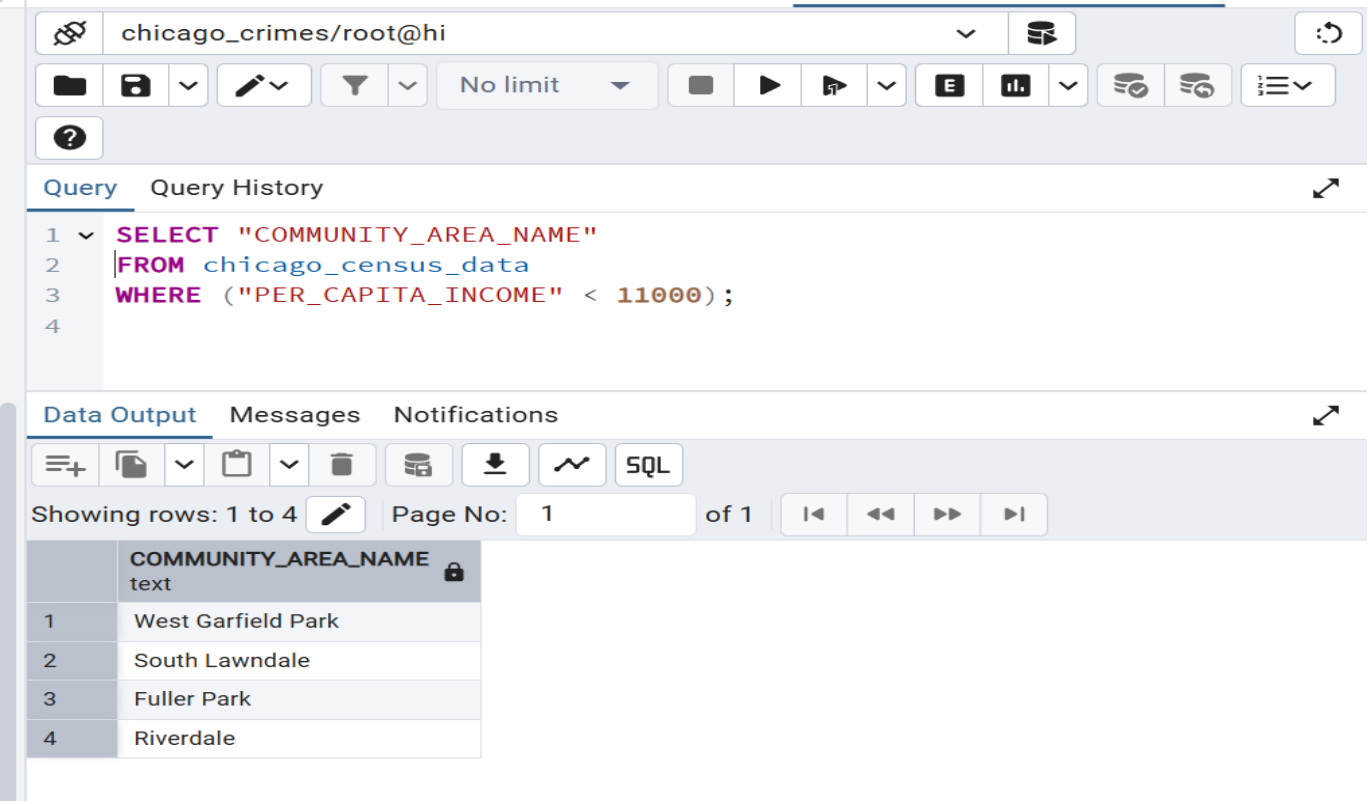
Lab 6 task

1. list the total number of crimes recorded in the CRIME table.



2. List the name of the community areas with per capita income less than 11000.



3. list the name of the community area with the highest unemployment rate

```
SELECT "COMMUNITY_AREA_NAME"
FROM chicago_census_data
ORDER by "PERCENT_AGED_16__UNEMPLOYED" DESC
LIMIT 1;
```

Showing rows: 1 to 1 Page No: 1 of 1

	COMMUNITY_AREA_NAME text
1	West Englewood

4. list all case numbers involving minors (children are not considered minors for the purpose of crime analysis).

```
SELECT "CASE_NUMBER","PRIMARY_TYPE" , "DESCRIPTION"
FROM chicago_crime_data
WHERE "PRIMARY_TYPE" LIKE '%MINOR%' OR "DESCRIPTION" LIKE '%MINOR%';
```

Showing rows: 1 to 2 Page No: 1 of 1

	CASE_NUMBER text	PRIMARY_TYPE text	DESCRIPTION text
1	HL266884	LIQUOR LAW VIOLATION	SELL/GIVE/DEL LIQUOR TO MINOR
2	HK238408	LIQUOR LAW VIOLATION	ILLEGAL CONSUMPTION BY MIN...

5. list all kidnapping crimes involving a child

```
SELECT *
FROM chicago_crime_data
WHERE "PRIMARY_TYPE" = 'KIDNAPPING' AND "DESCRIPTION" LIKE '%CHILD%';
```

Showing rows: 1 to 1 Page No: 1 of 1

	ID bigint	CASE_NUMBER text	DATE text	BLOCK text	IUCR text	PRIMARY_TYPE text	DESCRIPTION text	LOCATION_DESCRIPTION text
1	5276766	HN144152	2007-01-26	050XX W VAN BUREN ST	1792	KIDNAPPING	CHILD ABDUCTION/STRANGER	STREET

6. what kinds of crimes where recorded at school

```
Query  Query History
1 SELECT DISTINCT "PRIMARY_TYPE", "DESCRIPTION"
2 FROM chicago_crime_data
3 WHERE "LOCATION_DESCRIPTION" LIKE '%SCHOOL%';
```

Data Output Messages Notifications

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	PRIMARY_TYPE text	DESCRIPTION text
1	ASSAULT	PRO EMP HANDS NO/MIN INJURY
2	BATTERY	PRO EMP HANDS NO/MIN INJURY
3	BATTERY	SIMPLE
4	CRIMINAL DAMAGE	TO VEHICLE
5	CRIMINAL TRESPASS	TO LAND
6	NARCOTICS	MANU/DEL:CANNABIS 10GM OR LESS
7	NARCOTICS	POSS: HEROIN(WHITE)
8	PUBLIC PEACE VIOLATION	BOMB THREAT

7. list the average safety score for all types of schools

```
Query  Query History
1 SELECT "Elementary, Middle, or High School",
2 AVG("SAFETY_SCORE") AS average_safety_score
3 FROM chicago_public_schools
4 GROUP BY "Elementary, Middle, or High School";
5
```

Data Output Messages Notifications

Showing rows: 1 to 3 Page No: 1 of 1

	Elementary, Middle, or High School text	average_safety_score double precision
1	HS	49.62352941176471
2	MS	48
3	ES	49.52038369304557

8. list top 5 community areas with the highest % of households under poverty line.

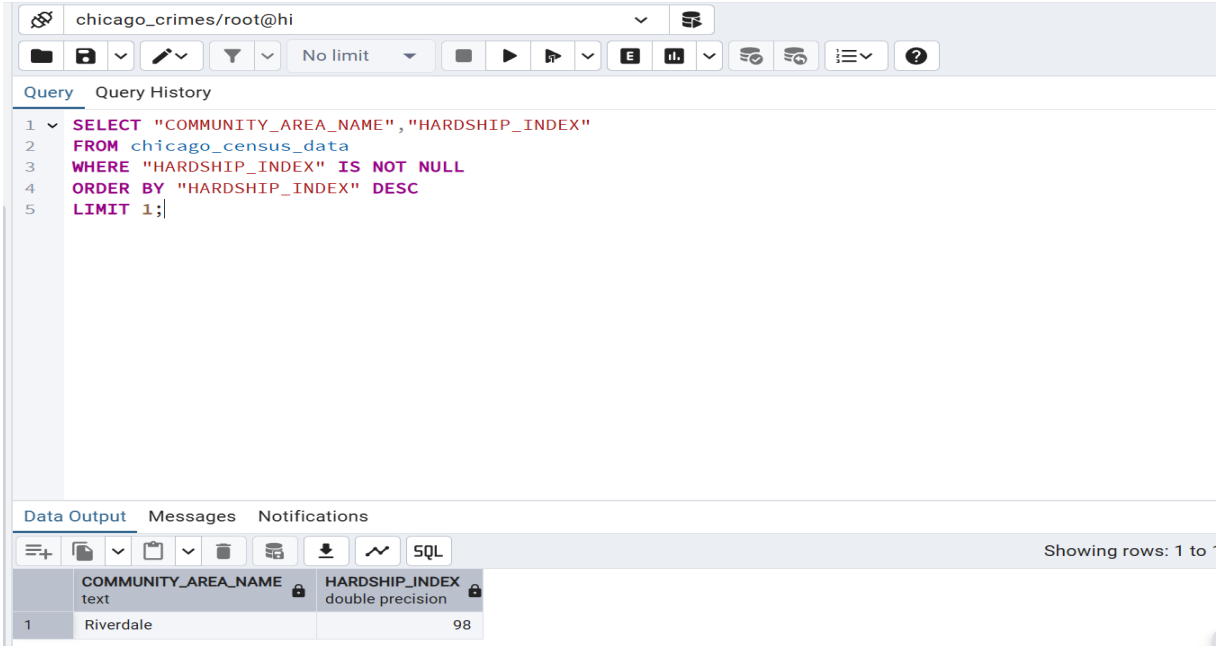
```
Query  Query History
1 SELECT "COMMUNITY_AREA_NAME", "PERCENT_HOUSEHOLDS_BELOW_POVERTY"
2 FROM chicago_census_data
3 ORDER BY "PERCENT_HOUSEHOLDS_BELOW_POVERTY" DESC
4 LIMIT 5;
5
```

Data Output Messages Notifications

Showing rows: 1 to 5 Page No: 1 of 1

	COMMUNITY_AREA_NAME text	PERCENT_HOUSEHOLDS_BELOW_POVERTY double precision
1	Riverdale	56.5
2	Fuller Park	51.2
3	Englewood	46.6
4	North Lawndale	43.1
5	East Garfield Park	42.4

9. find the community area name with the highest hardship index



10. determine the Community Area Name with the most number of crimes