

Peer-graded Assignment: Submit Your Work and Review Your Peers

Reviews 2 complete

i) It looks like this is your first peer-graded assignment. <u>Learn more</u>

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You've finished your peer reviews

Well done! You sent 2 peers feedback that will help them. If you have time, please review one or two more. Every review you do helps another peer complete the course!

SQI functions



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PROMPT

Problem 1: Find the total number of crimes recorded in the CRIME table.

Take a screenshot showing the SOL query and its results, Upload the JPEG (.jpg) file below for your peers to review.

[21]: # Rows in Crime table %sql SELECT COUNT(*) AS TOTAL_CRIMES \
FROM CHICAGO_CRIME_DATA * ibm_db_sa://mqb36773:***@dashdb-txn-sbox-yp-lon02-04 [21]: total_crimes

RUBRIC

Did the learner find the total number of crimes recorded in the Crime table?

TIP: If the screenshot appears small and is hard to read try zooming in by pressing "Ctrl" and "+" keys together (Mac: "Command" and "+"), or Right-click on the image and "View Image" (Firefox) or "Open Image in new Tab" (Chrome).

- Did not attempt the problem or response submitted is incorrect.
- SQL query is partially correct; it includes COUNT().

The result is incorrect.

SQL Query is correct; it includes COUNT().

The correct result of 533 is shown.

PROMPT

Problem 2: List community areas with per capita income less

Take a screenshot showing the SQL query and its results. Upload the JPEG (.jpg) file below for your peers to review.



Did the learner list community areas with per capita income less than 11000?

Did not attempt the problem or response submitted is incorrect.

SQL Query is not completely correct but includes at least 1 of the following:

- 1. SELECT clause
- 2. WHERE clause with a < condition
- SQL Query is correct; it includes a SELECT clause and a WHERE clause with < condition.

The result set has these 4 community names in any order:

- West Garfield Park
- South Lawndale
- Fuller Park
- Riverdale

PROMPT Problem 3: List all case numbers for crimes involving minors?(children are not considered minors for the purposes of crime analysis) Take a screenshot showing the SQL query and its results. Upload the JPEG (.jpg) file below for your peers to review. ***Comparison of the purpose of the screen of the

RUBRIC

Did the learner list all case numbers for crimes involving minors?

 \circ 0 pts

Did not attempt the problem or response submitted is incorrect.

0 1 pt

The SQL query and the result are not completely correct, but the query includes at least one of the following:

- 1. WHERE clause
- 2. LIKE operator and wildcard value (%)

O 2 pts

The SQL query and the result are correct. The SQL query includes:

- 1. WHERE clause
- 2. LIKE operator and wildcard value (%)

and

The result set has 2 rows of case numbers: HL266884 and HK238408.

DDOMD

Problem 4: List all kidnapping crimes involving a child?

Take a screenshot showing the SQL query and its results. Upload the JPEG (.jpg) file below for your peers to review.



RUBRIC

Did the learner list all kidnapping crimes involving a child?

0 pt

Did not attempt the problem or response submitted is incorrect.

0 1 pt

The SQL query and the result are not completely correct, but the query includes at least 2 of the following:

- 1. WHERE clause
- 2. AND operator in WHERE clause
- 3. LIKE operator and wildcard value (%)
- O 2 pts

The SQL query and the result are correct. The query uses the following:

- 1. WHERE clause
- 2. AND operator in WHERE clause
- 3. LIKE operator and wildcard value (%)

and

The result set includes at least the CASE_NUMBER column, and only one row, with the case number HN144152.

PROMPT

Problem 5: What kind of crimes were recorded at schools?

Take a screenshot showing the SQL query and its results. Upload the JPEG (.jpg) file below for your peers to review.

	at hind of crimes were recorded at schools?"/
SELECT DISTINCT WHERE LOCATION	DESCRIPTION LIKE "SSCHOOLS" (PRIMARY_TYPE) FROM CHECARO_CRIME_DATA
* ibm_db_sa://r	hy97814:***\\$4e2f15b-5c0f-46df-8954-7e30e622c2bd.clogj3sd0tgtu0lode00.databases.appdomain.cloud:32733/BLU0
primary_type	
ASSAULT	
BATTERY	
RIMINAL DAMAGE	
CRIMINAL TRESPA	
CRIMINAL TRESPA NARCOTICS	

RUBRIC

Does the learner list what kind of crimes were recorded at schools?

O pts

Did not attempt the problem or response submitted is incorrect.

0 1 pt

The SQL query and the result are not completely correct, but the query includes at least 2 of the following:

- 1. DISTINCT clause
- 2. WHERE clause
- 3. LIKE operator and wildcard value (%)

O 2 pts

The SQL query and the result are correct. The query uses all of the following:

- DISTINCT clause
- 2. WHERE clause
- 3. LIKE operator and wildcard value (%)

[(

_

and

The result set includes only one row for each of the following:

- ASSAULT
- BATTERY
- CRIMINAL DAMAGE
- CRIMINAL TRESPASS
- NARCOTICS
- PUBLIC PEACE VIOLATION

PROMPT

Problem 6: List the average safety score for all types of schools.

Take a screenshot showing the SQL query and its results. Upload the JPEG (.jpg) file below for your peers to review.



RUBRIC

Did the learner list the average safety score for all types of schools?

 \circ 0 pts

Did not attempt the problem or response submitted is incorrect.

0 1 pt

The SQL query and the result are not completely correct, but the query includes at least 1 of the following:

- 1. AVG() function
- 2. GROUP BY

O 2 pts

The SQL query and the result are correct.

The query includes both of the following:

- 1. AVG() function
- 2. GROUP BY

and

The result set has the 3 rows below:

- ES 49.520383
- HS 49.623529
- MS 48.000000

PROMPT

Problem 7: List 5 community areas with highest % of households below poverty line.

Take a screenshot showing the SQL query and its results. Upload the JPEG (.jpg) file below for your peers to review.



RUBRIC

Did the learner list 5 community areas with highest % of households below poverty line?

0 pt

Did not attempt the problem or response submitted is incorrect.

0 1

The SQL query and the result are not completely correct, but the query includes **1** out of the following 3:

- ORDER BY
- ORDER BY uses DESC option
- LIMIT (or FETCH FIRST 5 ROWS)

O 2 pts

The SQL query and the result are not completely correct, but the query includes **2** out of the following **3**:

- ORDER BY
- ORDER BY uses DESC option
- LIMIT (or FETCH FIRST 5 ROWS)

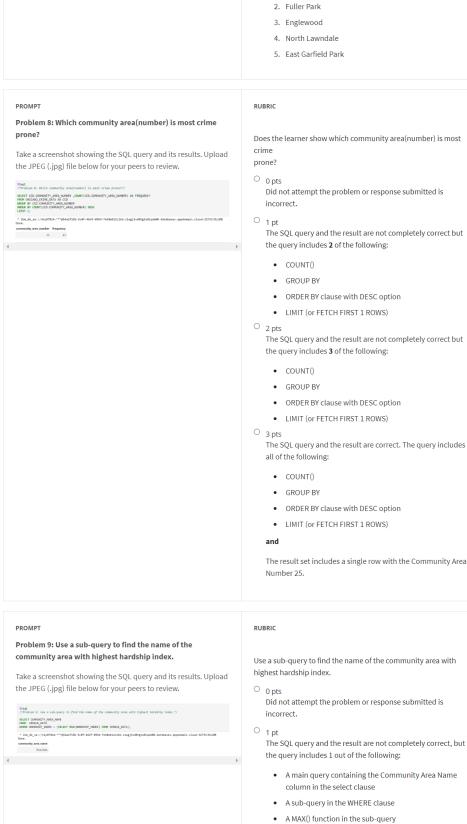
O_{3 pts}

The SQL query and the result are correct. The query includes all of the following:

- ORDER BY
- ORDER BY uses DESC option
- LIMIT (or FETCH FIRST 5 ROWS)

and

The result set includes the below 5 Community Areas in the following order:



1. Riverdale

The SQL query and the result are not completely correct, but the query includes all of the following:

The SQL query and the result are not completely correct, but

· A main query containing the Community Area Name

the query includes 2 out of the following:

column in the select clause

A sub-query in the WHERE clause

A MAX() function in the sub-query

O 2 pts

A main query containing the Community Area Name

column in the select clause

- A sub-query in the WHERE clause
- A MAX() function in the sub-query
- O_{4 pts}

The SQL query and the result are correct. The SQL includes:

- A main query containing the Community Area Name column in the select clause
- A sub-query in the WHERE clause
- A MAX() function in the sub-query

and

The result set indicates the Community Area Name "Riverdale".

PROMPT

Problem 10: Use a sub-query to determine the Community Area Name with most number of crimes?

Take a screenshot showing the SQL query and its results. Upload the JPEG (.jpg) file below for your peers to review.

RUBRIC

Did the learner use a sub-query to determine the Community Area Name with most number of crimes?

 0 pts
 Did not attempt the problem or response submitted is incorrect.

1 pt
 The result is not completely correct, but the SQL query includes 2 of the following:

- A main query containing the community area number column in the WHERE clause
- The query references both the CENSUS_DATA and CHICAGO_CRIME_DATA tables
- A sub-query in the WHERE clause
- A GROUP BY clause in the sub-query
- · ORDER BY and DESC clauses in the sub-query
- LIMIT (or FETCH FIRST 1 ROWS)

O 2 pts

The result is not completely correct, but the SQL query includes ${\bf 3}$ or ${\bf 4}$ of the following:

- A main query containing the community area number column in the WHERE clause
- The query references both the CENSUS_DATA and CHICAGO_CRIME_DATA tables
- A sub-query in the WHERE clause
- A GROUP BY clause in the sub-query
- ORDER BY and DESC clauses in the sub-query
- LIMIT (or FETCH FIRST 1 ROWS)

O_{3 pts}

The result is not completely correct, but the SQL query includes **all** of the following:

- A main query containing the community area number column in the WHERE clause
- The query references both the CENSUS_DATA and CHICAGO_CRIME_DATA tables
- A sub-query in the WHERE clause
- A GROUP BY clause in the sub-query
- ORDER BY and DESC clauses in the sub-query
- LIMIT (or FETCH FIRST 1 ROWS)

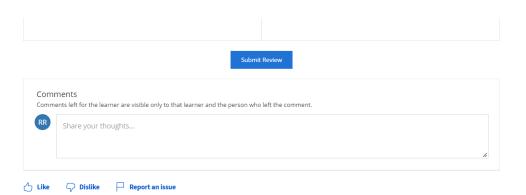
O_{4 pts}

The SQL query and the result are correct. The query includes all of the following:

- A main query containing the community area number column in the WHERE clause
- The query references both the CENSUS_DATA and CHICAGO_CRIME_DATA tables
- A sub-query in the WHERE clause
- A GROUP BY clause in the sub-query
- ORDER BY and DESC clauses in the sub-query
- LIMIT (or FETCH FIRST 1 ROWS)

and

The result set indicates the Community Area Name "Austin".



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