**Problem 1**

Find the total number of crimes recorded in the CRIME table. => **533**

[**SELECT**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**count**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(ID) as Total\_Crime FROM `chicago\_crime`;**

**Problem 2**

Retrieve first 10 rows from the CRIME table.

[**SELECT**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**\* FROM `chicago\_crime` LIMIT 10;**

**Problem 3**

How many crimes involve an arrest? => 163

[**SELECT**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**count**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(ARREST) as Total\_arrests FROM `chicago\_crime` WHERE ARREST = "TRUE";**

**Problem 4**

Which unique types of crimes have been recorded at GAS STATION locations?

|  |
| --- |
| THEFT |
| NARCOTICS |
| ROBBERY |
| CRIMINAL TRESPASS |

[**SELECT**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**DISTINCT PRIMARY\_TYPE FROM `chicago\_crime` WHERE LOCATION\_DESCRIPTION**[**like**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like)**"%GAS STATION%";**

**Problem 5**

In the CENUS\_DATA table list all Community Areas whose names start with the letter ‘B’.

|  |
| --- |
| Belmont Cragin |
| Burnside |
| Brighton Park |
| Bridgeport |
| Beverly |

[**SELECT**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)**COMMUNITY\_AREA\_NAME FROM chicago\_socioeconomic\_data where COMMUNITY\_AREA\_NAME**[**like**](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like)**"B%";**

**Problem 6**

Which schools in Community Areas 10 to 15 are healthy school certified?  
Rufus M Hitch Elementary School

**SELECT \* FROM `chicago\_public\_schools`**

**where HEALTHY\_SCHOOL\_CERTIFIED = "Yes" AND**

**COMMUNITY\_AREA\_NUMBER between 10 and 15**

**Problem 7**

What is the average school Safety Score?

| **avg\_school\_safety\_score** |  |
| --- | --- |
| 49.50487329434698 |  |

**SELECT avg(SAFETY\_SCORE) as avg\_school\_safety\_score FROM `chicago\_public\_schools`**

**Problem 8**

List the top 5 Community Areas by average College Enrollment [number of students]  
[COMMUNITY\_AREA\_NAME](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/index.php?route=/sql&db=Mysql_Learners&table=chicago_public_schools&sql_query=SELECT+COMMUNITY_AREA_NAME%2C+avg%28COLLEGE_ENROLLMENT%29+as+AVG_COLLEGE_ENROLLMENT+FROM+%60chicago_public_schools%60+%0D%0AGROUP+by+COMMUNITY_AREA_NAME+%0AORDER+BY+%60chicago_public_schools%60.%60COMMUNITY_AREA_NAME%60+ASC+limit+5&sql_signature=74686785cdb715168f1eb54dd8a1a86dce402ac358b9b40362eccb5201238c7e&session_max_rows=25&is_browse_distinct=0) [AVG\_COLLEGE\_ENROLLMENT](https://labs-mysql-puny-straight-zoo.mysql.databases.labs.skills.network/index.php?route=/sql&db=Mysql_Learners&table=chicago_public_schools&sql_query=SELECT+COMMUNITY_AREA_NAME%2C+avg%28COLLEGE_ENROLLMENT%29+as+AVG_COLLEGE_ENROLLMENT+FROM+%60chicago_public_schools%60+%0D%0AGROUP+by+COMMUNITY_AREA_NAME+%0AORDER+BY+%60AVG_COLLEGE_ENROLLMENT%60+ASC+limit+5&sql_signature=242d1ad7bb08d55f1e86a5b055d53f6b5a112bb5f21964be29a3d77abf883490&session_max_rows=25&is_browse_distinct=0)

ARCHER HEIGHTS 2411.5000

MONTCLARE 1317.0000

BELMONT CRAGIN 1233.5556

WEST ELSDON 1233.3333

NORTH CENTER 1223.5000

**SELECT COMMUNITY\_AREA\_NAME, avg(COLLEGE\_ENROLLMENT) as AVG\_COLLEGE\_ENROLLMENT FROM `chicago\_public\_schools`**

**GROUP by COMMUNITY\_AREA\_NAME**

**order by 2 desc**

**limit 5**

**Problem 9**

Use a sub-query to determine which Community Area has the least value for school Safety Score?

COMMUNITY\_AREA\_NAMEWASHINGTON PARK

**SELECT COMMUNITY\_AREA\_NAME FROM `chicago\_public\_schools` WHERE**

**SAFETY\_SCORE = (select min(SAFETY\_SCORE) from `chicago\_public\_schools`)**

**Problem 10**

[Without using an explicit JOIN operator] Find the Per Capita Income of the Community Area which has a school Safety Score of 1.

**select PER\_CAPITA\_INCOME from chicago\_socioeconomic\_data,chicago\_public\_schools**

**where SAFETY\_SCORE = 1**