# 1.crime table

// decreasing order

SELECT State, COUNT(\*) as num\_crimes

FROM crime

GROUP BY State

ORDER BY num\_crimes DESC;

SELECT State, COUNT(\*) as num\_crimes

FROM crime

GROUP BY State

ORDER BY num\_crimes

//for city just replace state with city;

Fox state with max area

SELECT State, COUNT(\*) as num\_crimes

FROM crime

GROUP BY State

ORDER BY num\_crimes DESC LIMIT 1;

CREATE TRIGGER `date\_change` AFTER INSERT ON `crime`

FOR EACH ROW

SET NEW.Date = DATE\_FORMAT(STR\_TO\_DATE(NEW.Date, '%d-%m-%Y'), '%Y-%m-%d');

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `case` WHERE STATUS="solved";

For year -

SELECT YEAR(date\_column) AS year, COUNT(\*) AS num\_crimes FROM crime GROUP BY year ORDER BY num\_crimes DESC;

2

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \*, YEAR(CURDATE()) - YEAR(criminal\_dob) AS age FROM criminal ORDER BY age;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \*, YEAR(CURDATE()) - YEAR(Victim\_DOB) AS age FROM victimm ORDER BY age;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) YEAR(CURDATE()) - YEAR(criminal\_dob) AS age, [COUNT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)(\*) AS criminal\_count FROM criminal GROUP BY age ORDER BY age;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) YEAR(CURDATE()) - YEAR(Victim\_DOB) AS age, [COUNT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)(\*) AS victim\_count FROM victimm GROUP BY age ORDER BY age;