USE hw4;

SELECT \* FROM CRIME\_DETAILS;

SELECT \* FROM CRIME\_TYPES;

SELECT \* FROM CRIME\_INCIDENTS;

#Query 1

SELECT COUNT(\*) FROM hw4.CRIME\_INCIDENTS WHERE Arrest LIKE 'TRUE' AND Domestic LIKE 'TRUE';

#11979 rows

#Query 2

SELECT cd.\* FROM CRIME\_DETAILS AS cd INNER JOIN CRIME\_INCIDENTS AS ci ON cd.Crime\_ID = ci.Crime\_ID

AND cd.Case\_Number = ci.Case\_Number WHERE Location\_Description LIKE 'SIDEWALK' AND Arrest LIKE 'TRUE' ;

SELECT cd.\* FROM CRIME\_DETAILS AS cd INNER JOIN CRIME\_INCIDENTS AS ci ON cd.Crime\_ID = ci.Crime\_ID

AND cd.Case\_Number = ci.Case\_Number AND Location\_Description LIKE 'SIDEWALK' AND Arrest LIKE 'TRUE' ;

#12740 rows

#Query 3

SELECT COUNT(\*) FROM hw4.CRIME\_INCIDENTS WHERE Arrest LIKE 'TRUE' AND Domestic LIKE 'TRUE';

#11979 rows

#Query4

SELECT \* FROM CRIME\_DETAILS AS cd INNER JOIN CRIME\_INCIDENTS AS ci ON cd.Crime\_ID = ci.Crime\_ID

AND cd.Case\_Number = ci.Case\_Number AND ci.Case\_Number LIKE 'HZ237376' INNER JOIN CRIME\_TYPES AS ct

ON ct.Primary\_Type\_ID = cd.Primary\_Type\_ID;

#Query5

SELECT C2.C2COUNT - C1.C1COUNT

FROM

(SELECT count(\*) AS C1COUNT FROM CRIME\_DETAILS AS cd LEFT JOIN CRIME\_TYPES AS ct ON cd.Primary\_Type\_ID = ct.Primary\_Type\_ID

AND ct.Primary\_Type LIKE 'THEFT' WHERE Year = 2016) AS C1

INNER JOIN

(SELECT count(\*) AS C2COUNT FROM CRIME\_DETAILS AS cd LEFT JOIN CRIME\_TYPES AS ct ON cd.Primary\_Type\_ID = ct.Primary\_Type\_ID

AND ct.Primary\_Type LIKE 'THEFT' WHERE Year = 2017) AS C2;

#Query6

SELECT cd.description FROM CRIME\_DETAILS AS cd RIGHT JOIN CRIME\_INCIDENTS AS ci

ON ci.Crime\_ID = cd.Crime\_ID AND ci.Case\_Number = cd.Case\_Number AND ci.District = 15 where

cd.Primary\_Type\_ID = 11 ORDER BY cd.description ASC;

#Query7

select AVG(Datediff(cd.Updated\_On, ci.Date)) AS days

FROM CRIME\_INCIDENTS ci inner join CRIME\_DETAILS cd on cd.Crime\_ID = ci.Crime\_ID

AND cd.Case\_Number = ci.Case\_Number;

#Query8

SELECT cd.Crime\_ID FROM CRIME\_INCIDENTS ci inner join CRIME\_DETAILS cd on cd.Crime\_ID = ci.Crime\_ID

and date(Updated\_On) = date(Date) and date(Updated\_On) = "2016-04-30";

#Query9

SELECT cd.Crime\_ID from CRIME\_DETAILS AS cd RIGHT JOIN CRIME\_INCIDENTS AS ci ON ci.Crime\_ID = cd.Crime\_ID

and ci.Case\_Number = cd.Case\_Number and ci.Domestic = 'TRUE' AND ci.Arrest = 'TRUE' where cd.Year = 2016

AND cd.Location\_Description LIKE 'STREET';

#Query10

Select count(cd.Crime\_ID) from CRIME\_DETAILS AS CD RIGHT JOIN CRIME\_INCIDENTS AS ci ON ci.Crime\_ID = cd.Crime\_ID

and ci.Case\_Number = cd.Case\_Number and ci.District = 10 and ci.FBI\_Code = 30 where CD.Description = "TELEPHONE THREAT";