Doug Strouth

CIS 228

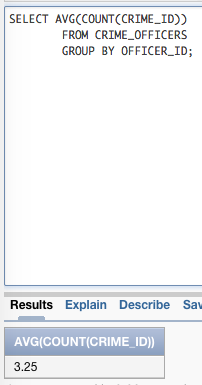
City Jail Chapter 11

1)

SELECT AVG(COUNT(CRIME\_ID))

FROM CRIME\_OFFICERS

GROUP BY OFFICER\_ID;

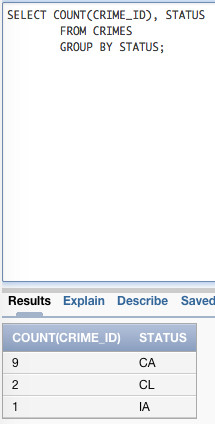


2)

SELECT COUNT(CRIME\_ID), STATUS

FROM CRIMES

GROUP BY STATUS;

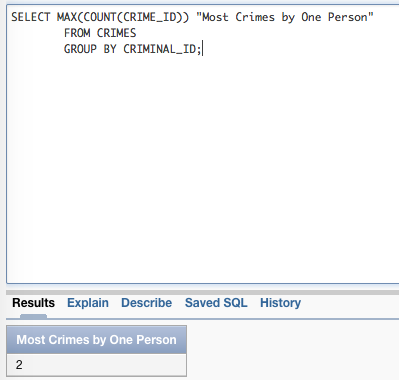


3)

SELECT MAX(COUNT(CRIME\_ID)) "Most Crimes by One Person"

FROM CRIMES

GROUP BY CRIMINAL\_ID;



4)

SELECT MIN(FINE\_AMOUNT) "Lowest Fine"

FROM CRIME\_CHARGES;



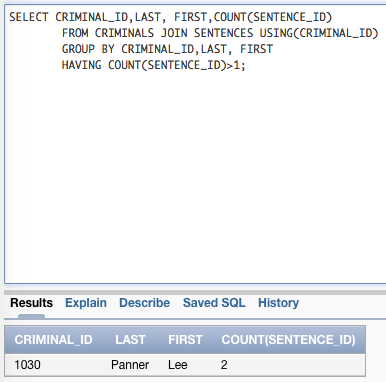
5)

SELECT CRIMINAL\_ID,LAST, FIRST,COUNT(SENTENCE\_ID)

FROM CRIMINALS JOIN SENTENCES USING(CRIMINAL\_ID)

GROUP BY CRIMINAL\_ID,LAST, FIRST

HAVING COUNT(SENTENCE\_ID)>1;



6)

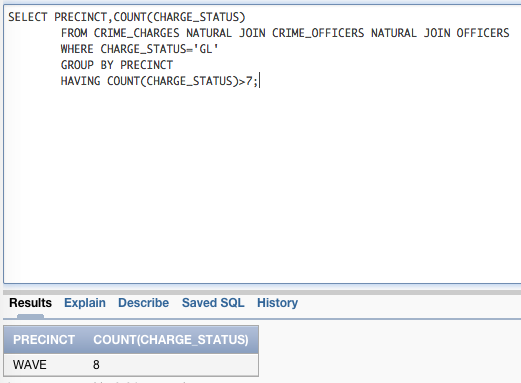
SELECT PRECINCT,COUNT(CHARGE\_STATUS)

FROM CRIME\_CHARGES NATURAL JOIN CRIME\_OFFICERS NATURAL JOIN OFFICERS

WHERE CHARGE\_STATUS='GL'

GROUP BY PRECINCT

HAVING COUNT(CHARGE\_STATUS)>7;

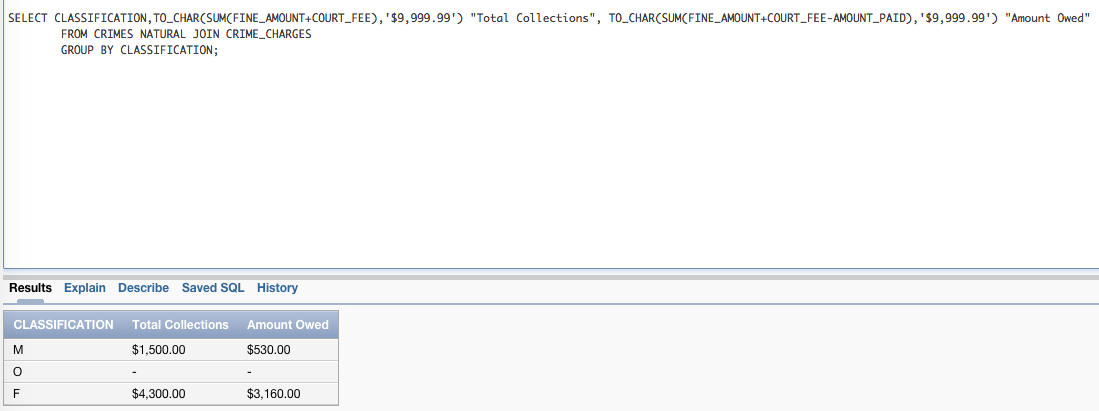


7)

SELECT CLASSIFICATION,TO\_CHAR(SUM(FINE\_AMOUNT+COURT\_FEE),'$9,999.99') "Total Collections", TO\_CHAR(SUM(FINE\_AMOUNT+COURT\_FEE-AMOUNT\_PAID),'$9,999.99') "Amount Owed"

FROM CRIMES NATURAL JOIN CRIME\_CHARGES

GROUP BY CLASSIFICATION;

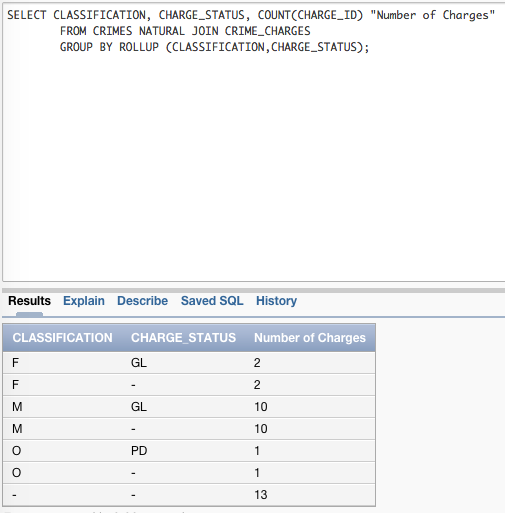


8)

SELECT CLASSIFICATION, CHARGE\_STATUS, COUNT(CHARGE\_ID) "Number of Charges"

FROM CRIMES NATURAL JOIN CRIME\_CHARGES

GROUP BY ROLLUP (CLASSIFICATION,CHARGE\_STATUS);

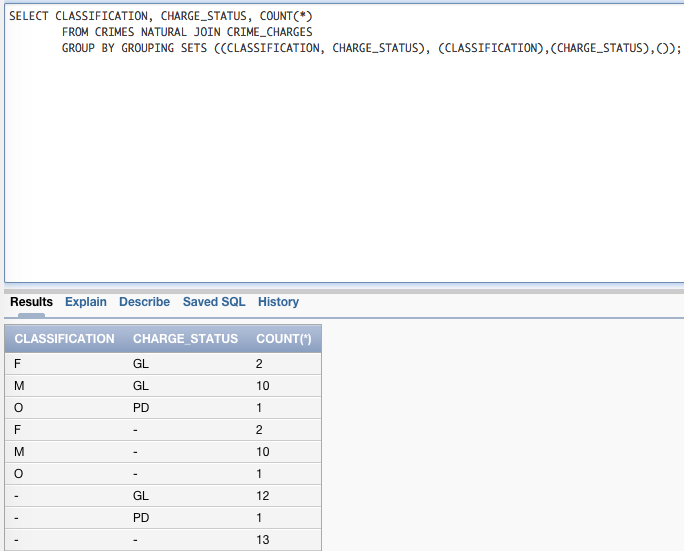


9a)

SELECT CLASSIFICATION, CHARGE\_STATUS, COUNT(\*)

FROM CRIMES NATURAL JOIN CRIME\_CHARGES

GROUP BY GROUPING SETS ((CLASSIFICATION, CHARGE\_STATUS), (CLASSIFICATION),(CHARGE\_STATUS),());

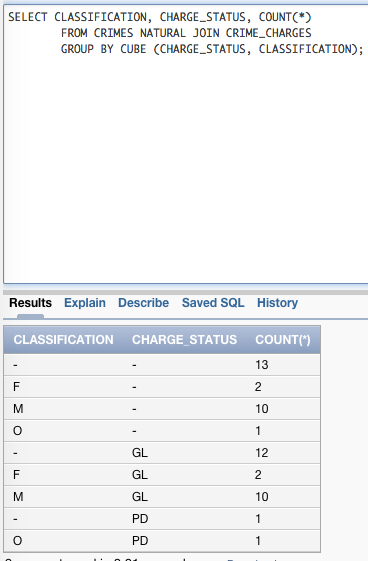


9b)

SELECT CLASSIFICATION, CHARGE\_STATUS, COUNT(\*)

FROM CRIMES NATURAL JOIN CRIME\_CHARGES

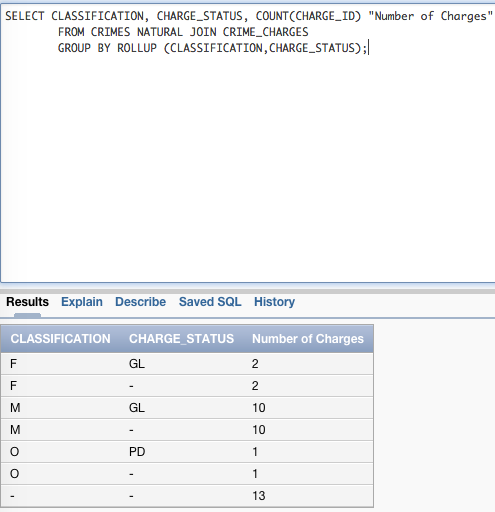
GROUP BY CUBE (CHARGE\_STATUS, CLASSIFICATION);



10a)

SELECT CLASSIFICATION, CHARGE\_STATUS, COUNT(CHARGE\_ID) "Number of Charges"

FROM CRIMES NATURAL JOIN CRIME\_CHARGES

GROUP BY ROLLUP (CLASSIFICATION,CHARGE\_STATUS);

10b)   
SELECT CLASSIFICATION, CHARGE\_STATUS, COUNT(\*)

FROM CRIMES NATURAL JOIN CRIME\_CHARGES

GROUP BY GROUPING SETS ((CLASSIFICATION, CHARGE\_STATUS), (CLASSIFICATION), ());

