Adrian Grimm

#10 Case Study

1.

SELECT crime\_id "Crime ID", classification "Class.", date\_charged "Charge Date", hearing\_date "Hearing Date", (hearing\_date-date\_charged) "Days"

FROM Crimes

WHERE (hearing\_date-date\_charged) > 14;

2.

SELECT first || ' ' || last "Officer Name", precinct "Code",

CASE

WHEN precinct LIKE '\_A%' THEN 'Shady Grove'

WHEN precinct LIKE '\_B%' THEN 'Center City'

WHEN precinct LIKE '\_C%' THEN 'Bay Landing'

END "Precinct"

FROM Officers

WHERE status='A'

AND precinct LIKE '\_A%' OR precinct LIKE '\_B%' OR precinct LIKE '\_C%';

3.

SELECT c.criminal\_id, UPPER(c.first || ' ' || c.last) "Inmate Name", s.sentence\_id,

TO\_CHAR(s.start\_date, 'MONTH DD, YYYY') "Start Sentence",

ROUND(MONTHS\_BETWEEN(s.end\_date, s.start\_date)) "Months"

FROM criminals c, sentences s

WHERE c.criminal\_id = s.criminal\_id;

4.

SELECT c.first || ' ' || c.last "Name", cc.charge\_id "Charge ID", TO\_CHAR((cc.fine\_amount+cc.court\_fee), '$9999.999') "Total Owed",

cc.amount\_paid, TO\_CHAR(((cc.fine\_amount+cc.court\_fee)-cc.amount\_paid), '$9999.99') "Balance", cc.Pay\_due\_date "Due Date"

FROM criminals c JOIN crimes cr USING (criminal\_id)

JOIN crime\_charges cc USING (crime\_id)

WHERE ((cc.fine\_amount+cc.court\_fee)-cc.amount\_paid) > 0;

5.

SELECT c.first || ' ' || c.last "Criminal Name", s.start\_date "Start Date", ADD\_MONTHS(s.start\_date, 2) "Review Date"

FROM criminals c JOIN sentences s USING (criminal\_id)

WHERE s.type='P'

AND MONTHS\_BETWEEN(s.end\_date,s.start\_date) > 2;

6.

INSERT INTO appeals (appeal\_id, crime\_id, filing\_date, hearing\_date)

VALUES (7503, 25344031, TO\_DATE('02 13 2009', 'MM DD YYYY'), TO\_DATE('02 27 2009', 'MM DD YYYY'));