LEFT OUTER JOIN

AN EQUIJOIN

$+$

RESULTS w/o A MATCH

STANDARD JOIN

```sql
SELECT
    EX.DISTRICT,
    COUNT(*) AS SALES_COUNT
FROM
    EXPORTS EX
JOIN
    SALES S
ON
    S.EXPORT_CODE = EX.EXPORT_CODE
;
```

GREAT FOR
EXACT MATCHES
BUT.....
WHAT ABOUT WHEN
WE NEED MORE
DATA?

I WANT TO GET
THE ORDER COUNT FOR
ALL THE DISTRICTS

INCLUDING DISTRICTS
WITH NO ORDERS

```sql
SELECT
    EX.DISTRICT,
    CASE
        WHEN  RT.SALES_COUNT  IS  NULL  THEN  0
        ELSE  RT.SALES_COUNT
    END  AS  TOTAL_SALES
FROM
    EXPORTS  EX
LEFT OUTER JOIN
(
    SELECT
        EX.DISTRICT,
        COUNT(*)  AS  SALES_COUNT
    FROM
        EXPORTS  EX
    JOIN
        SALES  S
    ON
        EX.EXPORT_CODE = S.EXPORT_CODE
) RT
ON
    EX.DISTRICT = RT.DISTRICT
ORDER BY
    TOTAL_SALES
```