

Interactive - 19 - select using sub-query and exists

Let's use some of our joins to delete some data.

Let's get rid of the people that are not in a department.

```
SELECT t0.name as "Employee Name", t0.dept_name as "Department Name", t0.pay "Year Pay"
FROM (
    SELECT t1.name, t2.dept_name, t1.pay, t1.employee_id
    FROM employee as t1
    LEFT OUTER join department as t2 on ( t1.department_id = t2.department_id )
    WHERE t1.department_id is null
    ORDER BY 1, 3 desc, 4
) as t0
WHERE
    exists (
        SELECT 'found'
        FROM employee as t5
        WHERE t5.pay > 65000
        and t5.employee_id = t0.employee_id
    )
;
```

You should get back 2 rows.

These rows should be the offending rows with the department-less employees.

Tags: “select exists”, “sub-query”

Validate: SQL-Select, “select ‘PASS’ as x”