SQL Subqueries

365 Careers

SQL Subqueries with IN Nested Inside WHERE

SQL Subqueries with IN Nested Inside WHERE

subqueries

queries embedded in a query

365 Careers

SQL Subqueries with IN Nested Inside WHERE

- [subqueries](#)

SQL Subqueries with IN Nested Inside WHERE

- **subqueries**

  queries embedded in a query

SQL Subqueries with IN Nested Inside WHERE

- **subqueries** = **inner queries**

  queries embedded in a query

365 **Careers**

SQL Subqueries with IN Nested Inside WHERE

- **subqueries** = **inner queries** = **nested queries**

  queries embedded in a query

365 Careers

SQL Subqueries with IN Nested Inside WHERE

- **subqueries** = **inner queries** = **nested queries**

  queries embedded in a query

  - they are part of *another* query, called an **outer query**

365 Careers

SQL Subqueries with IN Nested Inside WHERE

- **subqueries** = **inner queries** = **nested queries** = **inner select**

  queries embedded in a query

  - they are part of *another* query, called an **outer query**
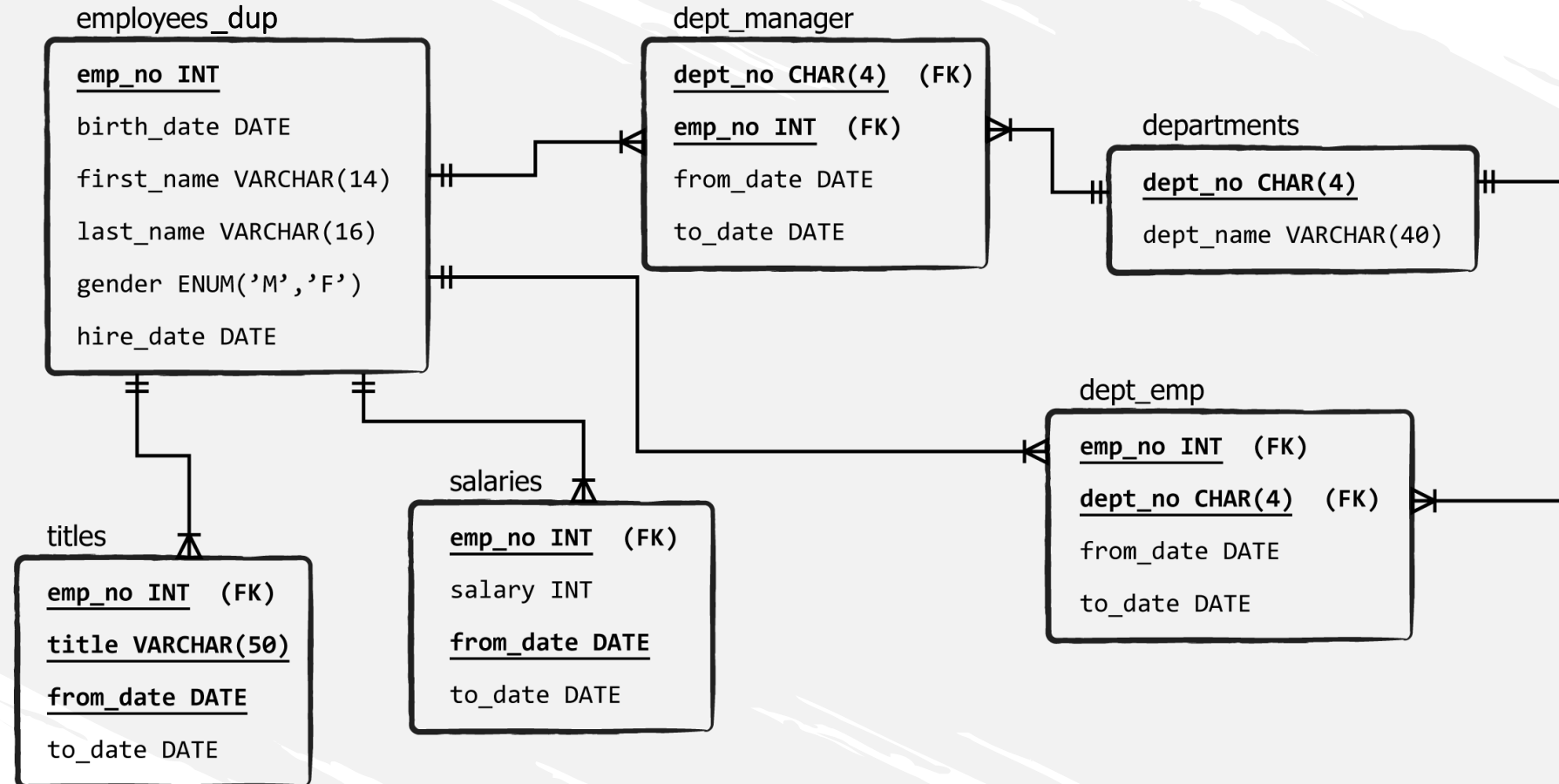
365 Careers

SQL Subqueries with IN Nested Inside WHERE

- **subqueries** = **inner queries** = **nested queries** = **inner select**

  queries embedded in a query

  - they are part of *another* query, called an **outer query**

                                    = **outer select**

365 Careers

SQL Subqueries with IN Nested Inside WHERE

SQL Subqueries with IN Nested Inside WHERE

- subqueries

SQL Subqueries with IN Nested Inside WHERE

subqueries

- a subquery should *always* be placed within parentheses

SQL Subqueries with IN Nested Inside WHERE

- 1) the SQL engine starts by running the *inner query*
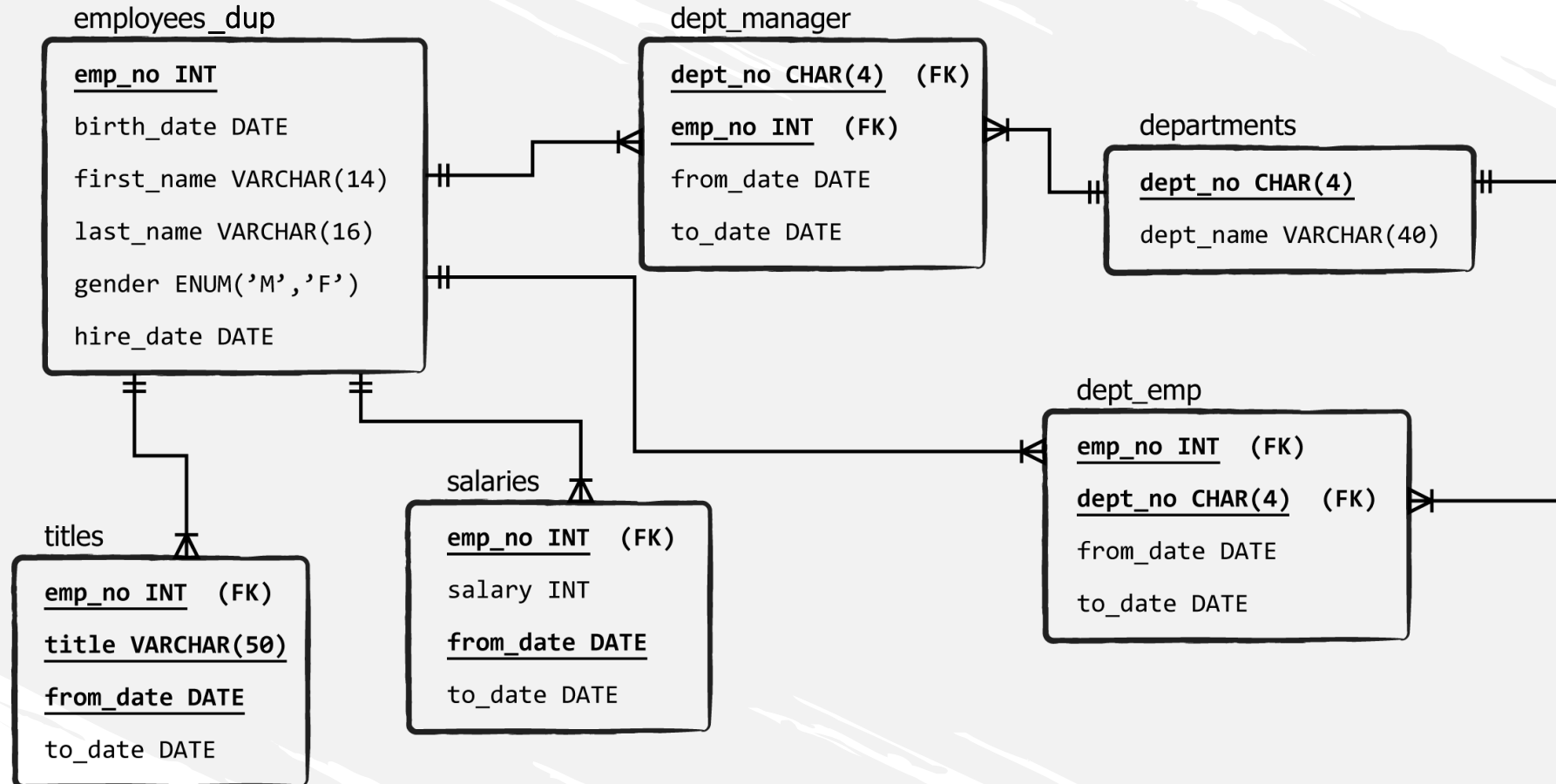
365 Careers

SQL Subqueries with IN Nested Inside WHERE

- 1) the SQL engine starts by running the *inner query*

- 2) then it uses its returned output, which is intermediate, to execute the *outer query*

365 **Careers**

SQL Subqueries with IN Nested Inside WHERE

- **a subquery** may return *a single value (a scalar), a single row, a single column,* or *an entire table*

365 Careers

SQL Subqueries with IN Nested Inside WHERE

SQL Subqueries with IN Nested Inside WHERE

- **a subquery** may return *a single value (a scalar),* *a single row, a single column,* or *an entire table*

365 Careers

SQL Subqueries with IN Nested Inside WHERE

- **a subquery** may return *a single value (a scalar), a single row, a single column,* or *an entire table*

  - you can have a lot more than one subquery in your outer query

365 Careers

SQL Subqueries with IN Nested Inside WHERE

- <u>a subquery</u> may return *a single value (a scalar), a single row, a single column,* or *an entire table*

  - you can have a lot more than one subquery in your outer query

  - it is possible to nest *inner queries within other inner queries*

365 **Careers**

SQL Subqueries with IN Nested Inside WHERE

- **a subquery** may return *a single value (a scalar), a single row, a single column,* or *an entire table*

  - you can have a lot more than one subquery in your outer query

  - it is possible to nest *inner queries within other inner queries*

    in that case, the SQL engine would execute the *innermost query first*

365 **Careers**

SQL Subqueries with IN Nested Inside WHERE

- <u>a subquery</u> may return *a single value (a scalar), a single row, a single column,* or *an entire table*

  - you can have a lot more than one subquery in your outer query

  - it is possible to nest *inner queries within other inner queries*

    in that case, the SQL engine would execute the *innermost query first,* and then *each subsequent query*

365 Careers

SQL Subqueries with IN Nested Inside WHERE

- **a subquery** may return *a single value (a scalar), a single row, a single column,* or *an entire table*

  - you can have a lot more than one subquery in your outer query

  - it is possible to nest *inner queries within other inner queries*

    in that case, the SQL engine would execute the *innermost query first,* and then *each subsequent query,* until it runs the *outermost query last*

365 **Careers**