CONSULTAS 01

Human Resources (HR) Schema
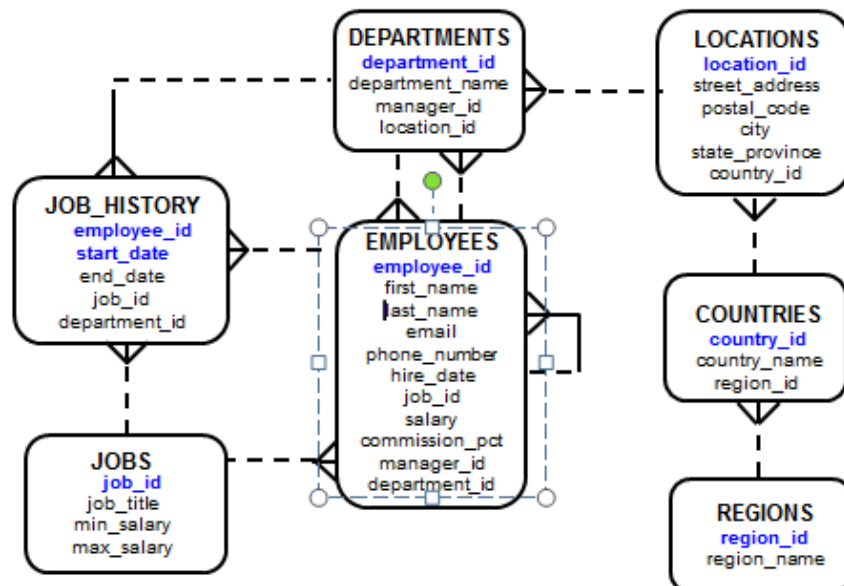

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-- 1. ESTRUCTURA DE TABLAS
---------------------------------
           DESC JOBS
---------------------------------
-- 2. CONSULTAS SIMPLES ( TODAS LAS COLUMNAS )
---------------------------------
           SELECT * FROM EMPLOYEES;
---------------------------------
-- 3. CONSULTA CON CAMPOS ESPECIFICOS
---------------------------------
           SELECT EMPLOYEE_ID, FIRST_NAME , LAST_NAME
           FROM EMPLOYEES;
---------------------------------
-- 4. CONSULTA CON  CAMPOS CONCATENADOS
---------------------------------
           SELECT EMPLOYEE_ID, FIRST_NAME || ' ' || LAST_NAME "DATOS
           PERSONALES"
           FROM EMPLOYEES;
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-- 5. LISTA DE DATOS NO REPETIDOS ( SIN DUPLICADOS )
---------------------------------
            SELECT COUNTRY_ID FROM LOCATIONS;
            SELECT DISTINCT  COUNTRY_ID FROM LOCATIONS;


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-- 6. CONSULTA CON CAMPOS CALCULADOS
---------------------------------
            SELECT LAST_NAME, SALARY SUELDO,
            SALARY * 1.1 "SUELDO CON AIUMENTO"
            FROM EMPLOYEES;


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-- 7. CONSULTA CON FILTRO CONDICIONAL
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Operator	Meaning
=	Equal to
>	Greater than
>=	Greater than or equal to
<	Less than
<=	Less than or equal to
<>	Not equal to
BETWEEN ...AND...	Between two values (inclusive)
IN(set)	Match any of a list of values
LIKE	Match a character pattern
IS NULL	Is a null value

```
-- 8. CUANTOS EMPLEADOS TIENEN UN SUELDO MAYOR A 2600?
            SELECT *
            FROM   EMPLOYEES
            WHERE  SALARY > 5000;


--  9. LISTA DE EMPLEADOS CON SALARIO MAYOR A 7000 Y MENOR A 9000
            SELECT *
            FROM   EMPLOYEES
            WHERE  SALARY > 7000 AND  SALARY < 9000;


--- 10. CLAUSULA WHERE CON CADENAS Y FECHAS
            SELECT last_name, job_id, department_id
            FROM   employees
            WHERE  last_name = 'Whalen' ;

            SELECT last_name
            FROM   employees
            WHERE  hire_date = '17-FEB-96' ;
```

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--  11. BETWEEN ... AND
--------------------------------

        SELECT *
        FROM   EMPLOYEES
        WHERE  SALARY BETWEEN  7000 AND  9000 ;


--------------------------------
--- 12. IN   / NOT IN
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        SELECT *
        FROM   EMPLOYEES
        WHERE  MANAGER_ID  IN ( 205 , 149);


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-- 13. LIKE       %   _
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        SELECT *
        FROM   EMPLOYEES
        WHERE JOB_ID LIKE 'SA%'


        SELECT last_name
        FROM   employees
        WHERE  last_name LIKE '_o%' ;



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-- 14. IS NULL
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        SELECT *
        FROM   EMPLOYEES
        WHERE COMMISSION_PCT IS NULL;
```

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-- 15. OPERADORES QUE UNEN CONDICIONES LOGICAS
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```

Operator	Meaning
AND	Returns TRUE if *both* component conditions are true
OR	Returns TRUE if *either* component condition is true
NOT	Returns TRUE if the condition is false

```
--- 16.
```

```sql
SELECT employee_id, last_name, job_id, salary
FROM   employees
WHERE  salary >= 10000
AND    job_id LIKE '%MAN%' ;
```

```
--- 17.
```

```sql
SELECT employee_id, last_name, job_id, salary
FROM   employees
WHERE  salary >= 10000
OR     job_id LIKE '%MAN%' ;
```

```
--- 18.
```

```sql
SELECT last_name, job_id
FROM   employees
WHERE  job_id
    NOT IN ('IT_PROG', 'ST_CLERK', 'SA_REP') ;
```

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-- 19. ORDER BY
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```

```sql
SELECT LAST_NAME , FIRST_NAME, SALARY
FROM   EMPLOYEES
ORDER BY LAST_NAME;


SELECT LAST_NAME , FIRST_NAME, SALARY
FROM   EMPLOYEES
ORDER BY LAST_NAME, FIRST_NAME;


SELECT LAST_NAME , FIRST_NAME, SALARY
FROM   EMPLOYEES
ORDER BY 2 ASC;
```