SQL Case Study Human Resources Schema(HR)
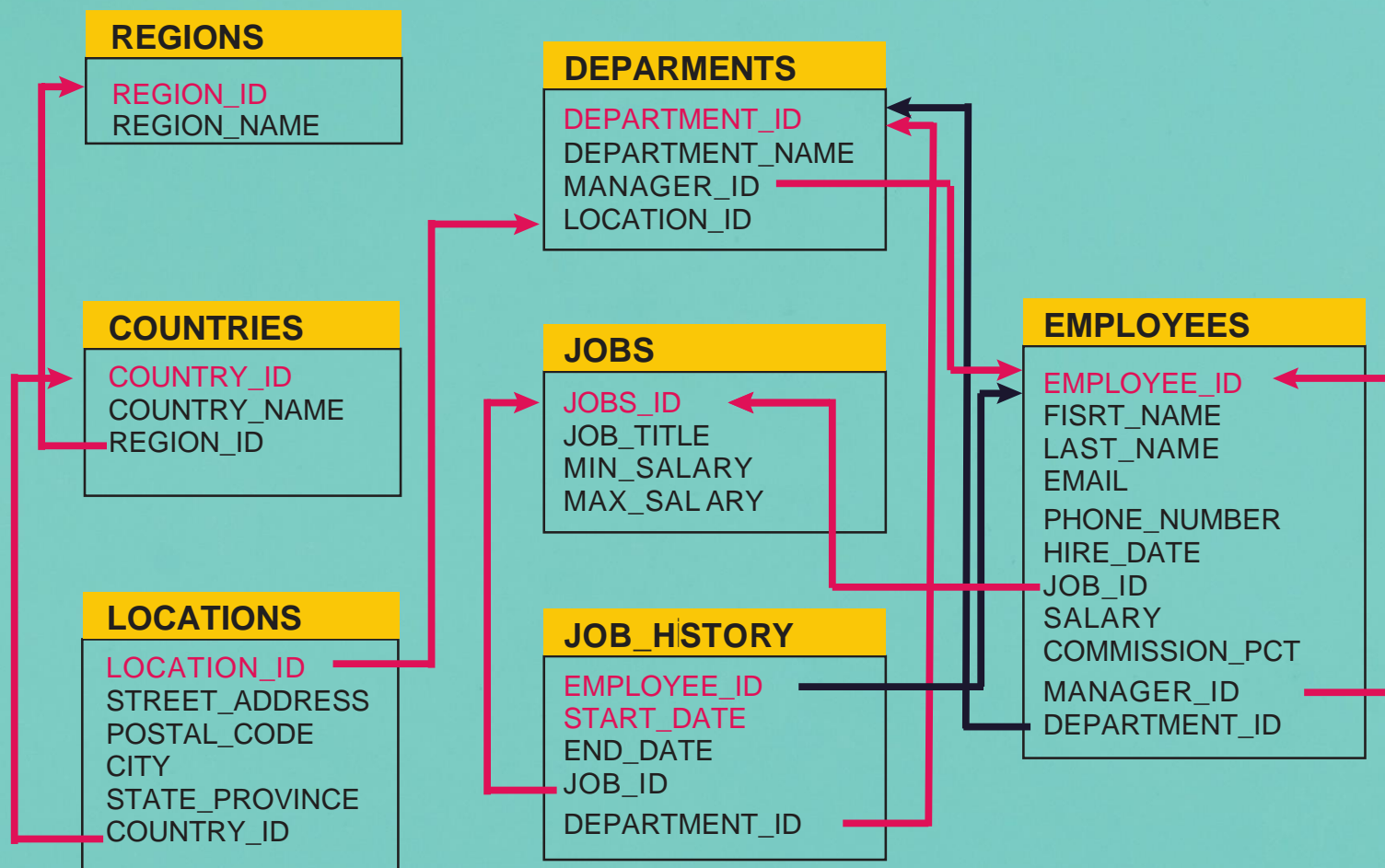# WEEK 8

Data Science Academy

The following is the structure of the tables provided by Oracle in Human Resource Schema (HR).

REGIONS
- REGION_ID
- REGION_NAME

DEPARMENTS
- DEPARTMENT_ID
- DEPARTMENT_NAME
- MANAGER_ID
- LOCATION_ID

COUNTRIES
- COUNTRY_ID
- COUNTRY_NAME
- REGION_ID

JOBS
- JOBS_ID
- JOB_TITLE
- MIN_SALARY
- MAX_SALARY

EMPLOYEES
- EMPLOYEE_ID
- FISRT_NAME
- LAST_NAME
- EMAIL
- PHONE_NUMBER
- HIRE_DATE
- JOB_ID
- SALARY
- COMMISSION_PCT
- MANAGER_ID
- DEPARTMENT_ID

LOCATIONS
- LOCATION_ID
- STREET_ADDRESS
- POSTAL_CODE
- CITY
- STATE_PROVINCE
- COUNTRY_ID

JOB_HISTORY
- EMPLOYEE_ID
- START_DATE
- END_DATE
- JOB_ID
- DEPARTMENT_ID

You have been given structure of the tables in Human Resource Schema (HR).
Answer the following questions by writing queries:

1. Return the name of the employee with the lowest salary in department 90.
2. Select the department name, employee name, and salary of all employees who work in the human resources or purchasing departments. Compute a rank for each unique salary in both departments.
3. Select the 3 employees with minimum salary for department id 50.
4. Show first name, last name, salary and previously listed employee's salary who works in "IT_PROG" over hire date.
5. Display details of current job for employees who worked as IT Programmers in the past.
6. Make a copy of the employees table and update the salaries of the employees in the new table with the maximum salary in their departments.
7. Make a copy of the employees table and update the salaries of the employees in the new table with a 30 percent increase.