SQL HOMEWORK Retrieving Data from Multiple Tables
WEEK 7
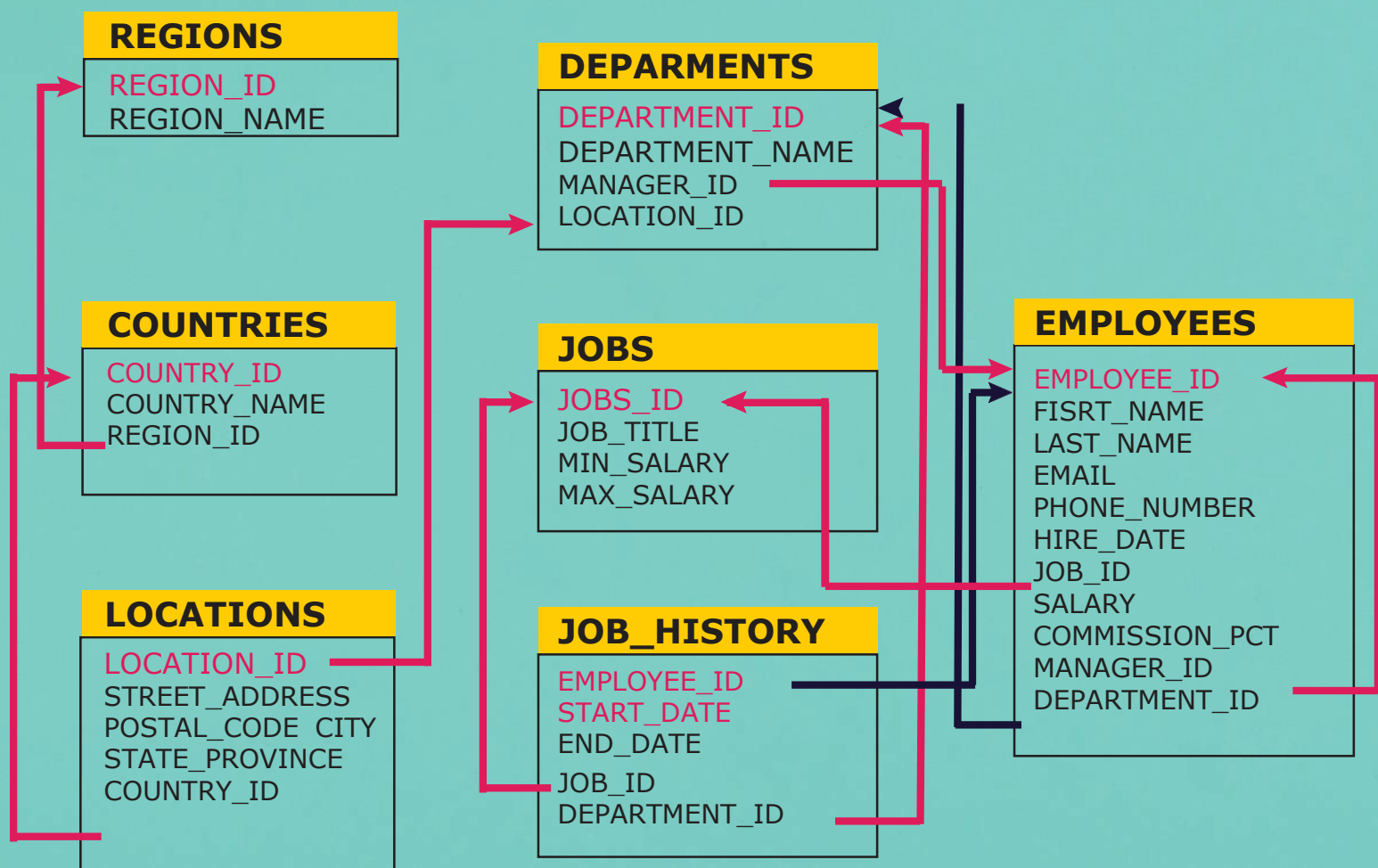
Data Science Academy

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

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

COUNTRIES
COUNTRY_ID
COUNTRY_NAME
REGION_ID

JOBS
JOBS_ID
JOB_TITLE
MIN_SALARY
MAX_SALARY

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 are asked to provide answers for the following questions:

1. Display last name, job title of employees who have commission percentage and belongs to department 30.
2. Display department name, manager name, and salary of the manager for all managers whose experience is more than 5 years.
3. Display employee name if the employee joined before his manager.
4. Display employee name, job title for the jobs, employee did in the past where the job was done less than six months.
5. Display department name, average salary and number of employees with commission within the department.
6. Display employee name and country in which he is working.