**SQL HW 7 – EMPLOYEE PROMOTION HOMEWORK**

In this assignment, you are interested in finding out whether any employees in Adventure Works have changed positions within the company.

Before answering the question, you should first investigate which tables might contain data relevant to answering the question. HINT: The information that might interest you is located primarily in tables belonging to the **HumanResources** schema. It would help if you also looked at the **Person** table in the **Person** schema.

Your ultimate goal in this exercise is to produce a list of employees who have held more than one position within Adventure Works. The list should include the following information: employee identification number, their names (first and last), the name of each department in which they worked, the department’s corresponding group name, start and end dates of employment with each department, and the salary information for each position held.

Answering the homework’s main question will most likely require you to take a multistep approach (i.e., producing individual queries that answer some parts of the main question before devising a query that would integrate all the pieces of the puzzle).

Although you may reach the final solution by taking different paths, your submission should include the following information at a minimum:

1. A list of all employees of Adventure Works, including their employee ids, names, current job title, date of birth, gender, and marital status. (1pt)
2. A list of all employee ids for employees who have worked at multiple positions at Adventure Works. *HINT: These individuals should have multiple entries in the EmployeeDepartmentHistory table*. (1pt)
3. A list of compensation history for the individuals identified in part 2 above. The assumption here is that when a person holds various positions, they may also be compensated differently. *Hint: Take a look at the EmployeePayHistory table*.(1pt)
4. The final list should include ids, names, department names, group names, start and end dates, and salary levels associated with each position held. (2pts)

Graphical user interface, application, table

Description generated with high confidence