Problem:-

#### Table 1: Number of Retiring Employees by Title

Table 1: Number of Retiring Employees by Title between birth date 1952-01-01' AND '1955-12-31 whose hire date is between '1985-01-01' AND '1988-12-31'.

**Steps taken to solve the get the required list:-**

A new table was created to list out the data for the following headers:-

* emp\_no,
* first\_name,
* last\_name,
* salary,
* to\_date,
* title

To create the above table, following steps were followed:-

* Employee Table and Salary table was joined on employee number header
* Department Employee table was joined with Employee table on Employee number header
* Employee table and Title employee table was joined on employee number header.
* The results were filtered on the employees who are still working.

**Problem:-**

The list generated by following the above steps had duplicate entries as the titles of the employees were changed over the period.

**Solution:-**

To resolve the issue and come up with the refined list, the duplicate entries were removed by partitioning the data to show only most recent title per employee.

**Results:-**

The refined results for “Number of Retiring Employees by Title” is achieved and saved exported as CSV and saved by the name of “refined Table 1 Number of Retiring Employees by Title.CSV”

**Table 2: Mentorship Eligibility**

Table 2: Mentorship eligibility between employee birth date 1965-01-01' AND '1965-12-31 whose hire date is between '1985-01-01' AND '1988-12-31'.

**Steps taken to solve the get the required list:-**

A new table was created to list out the data for the following headers:-

* emp\_no,
* first\_name,
* last\_name,
* to\_date,
* from\_date
* title

To create the above table, following steps were followed:-

* Department Employee table was joined with Employee table on Employee number header
* Employee table and Title employee table was joined on employee number header.
* The results were filtered on the employees who are still working.

**Problem:-**

The list generated by following the above steps had duplicate entries as the titles of the employees were changed over the period.

**Solution:-**

To resolve the issue and come up with the refined list, the duplicate entries were removed by partitioning the data to show only most recent title per employee.

**Results:-**

The refined results for “Number of Retiring Employees eligible for mentorship program” is achieved and saved exported as CSV and saved by the name of “refined Table 2 Mentorship Eligibility.CSV”