Small Projects for R Training

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Project 1: Find out the discrepency records between two datasets

In the Excel file L:\BIRA\R Training\Test PBI and SAS new and endorsement 20220214.xlsx, there are two sheets, *PBI New* and *SAS New* that have data from two sources. Here are the list of columns for you to compare:

1. Policy number: records with policy numbers that are only exist in one dataset.

2. Transaction number: Transaction Number in *PBI New* vs. MBC_TRAN_NUM in *SAS New*. Records with Transaction number only in one dataset.

For the records having same policy number and transaction number, check the following columns:

3. MOA date: any unmatched MOA date (Policy MOA date in PBI New vs. MOA date in SAS New).

4. Request Received Date: Request Received Date in *PBI New* vs. RQT_RCVD_DT in *SAS New*.

5. Daydiff = MOA date - Request Received Date + 1.

Project 2: CMSB Medium Segment Customer Served Analysis

Task 1: Pull the following data set from Denodo **bi_crm** virtual database.

1. "Transfile_Company_Table_2022":

- "Sales Portfolio Code": the sales portfolio code can be linked to the "CMSB_AM_Structure_2022" table to get the Sales_District and Sales_Region.

- "Medium Financial Customer Served Count": = 1 when the CI number is counted as a customer served.

- "Date Customer Became CS": Date when the CI number became a customer served

2. "CMSB_AM_Structure_2022": to get the Sales_District and Sales_Region.

Task 2:

Create a weekly line plot to show number of medium segment customer served by Sales Region.