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Assignment no 4

1. Import data from file to new table.



* + Use above table as input for next operations.

Output

Graphical user interface, text, application

Description automatically generated

1. Create/populate DTO table with table from #1.(Same table structure) Perform below operations
   * exclude records with amount = 0 (CREDITAMOUNT or DEBITAMOUNT should have value)
   * Exclude records which has negative SYS\_OBJECTID.
   * Roundup DEBITAMOUNT and CREDITAMOUNT up to 3 decimals.
   * Convert date columns from Milliseconds to date
     1. ACCOUNTINGDATE, CREATEDDATE
   * Add new computed column AMOUNT which will have value either from DEBITAMOUNT OR CREDITAMOUNT (Whichever has value).
   * Add new column to table isValid,
     1. Update isValid = FALSE if any of below columns don’t have any value.
        1. BUSINESSUNIT, FISCALPERIOD, STATUS, LEASEID, TRIGGERSUBTYPE, DEBITCREDITINDICATOR
     2. Update isValid = FALSE if Sum of debit not matches with sum of credit at lease(LEASEID) level

Graphical user interface, text, application, email

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1. Create/populate aggregated table with data from table created in #2 with isValid=TRUE.
   * List of Expected Columns
     1. BUSINESSUNIT, FISCALPERIOD, STATUS, TRIGGERSUBTYPE, DEBITCREDITINDICATOR, DEBITAMOUNT, CREDITAMOUNT, AMOUNT
   * Aggregate/group records based on columns
     1. BUSINESSUNIT, FISCALPERIOD, STATUS, TRIGGERSUBTYPE, DEBITCREDITINDICATOR
   * Calculate sum of CREDITAMOUNT and DEBITAMOUNT based on aggregation criteria.
   * add new column to table isValid,
     1. Update isValid = FALSE If sum of DEBITAMOUNT does not matches sum of CREDITAMOUNT for its respective aggregated record.

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