

Backend / SQL Test Task

Assignment I

Goal: Write a procedure to automatically create tables to store financial data. The table names would be sourced from a table named Params.DataTableList. The procedure shall go through all records of this table to create the tables below for each data item.

1. Test if any of the 3 tables below already exist. If so, end the procedure
2. Otherwise
 - a. Create 3 tables for the following 3 decades from the least recent to the most recent date
 - i. 01/01/1990 – 31/12/1999
 - ii. 01/01/2000 – 31/12/2009
 - iii. 01/01/2010 – 31/12/2020
 - b. First column name = [Code], varchar(32). All dates column name formatted on [YYYYMMDD], money
 - c. Table name must be sourced from the table Params.DataTableList, field = [Name]
3. Table names to be created
 - a. Data.[Name] + '1990'
 - b. Data.[Name] + '2000'
 - c. Data.[Name] + '2010'

Assignment II

Goal: Fill the tables created above with sample test file attached.

1. The code before the left of the parenthesis is to be inserted in the column [Code]
2. The date is to be matched with the column header