

THIS IS THE MAIN CODE

```
USE [Wild West];
```

```
-- Step 1: Create a new table 'Month_Data_8' and insert January data into it
```

```
SELECT *
```

```
INTO dbo.Month_Data_8 -- Create the table 'Month_Data_8' and insert data for January 2024
```

```
FROM Portfolio_clean
```

```
WHERE MONTH(Sales_Date) = 1;
```

```
-- Step 2: Insert data for February to August into the existing 'Month_Data_8' table
```

```
INSERT INTO dbo.Month_Data_8
```

```
SELECT *
```

```
FROM Portfolio_clean
```

```
WHERE MONTH(Sales_Date) IN (2, 3, 4, 5, 6, 7, 8);
```

```
-- Step 3: Ensure that the target table has the correct structure
```

```
-- Add 'Commission' column if it doesn't exist
```

```
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS
```

```
    WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME = 'Commission')
```

```
BEGIN
```

```
    ALTER TABLE dbo.Month_Data_8
```

```
    ADD Commission DECIMAL(18, 2);
```

```
END;
```

```
-- Add 'Commission_Eligibility' column if it doesn't exist
```

```
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS
```

```
    WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME =  
    'Commission_Eligibility')
```

```
BEGIN
```

```
ALTER TABLE dbo.Month_Data_8  
ADD Commission_Eligibility VARCHAR(3);  
END;
```

```
-- Add 'Agm_Sts_Cd' column if it doesn't exist  
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS  
                WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME =  
                'Agm_Sts_Cd')  
BEGIN  
    ALTER TABLE dbo.Month_Data_8  
    ADD Agm_Sts_Cd VARCHAR(50);  
END;
```

```
-- Add 'Org_Lvl_Nm' column if it doesn't exist  
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS  
                WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME =  
                'Org_Lvl_Nm')  
BEGIN  
    ALTER TABLE dbo.Month_Data_8  
    ADD Org_Lvl_Nm VARCHAR(50);  
END;
```

```
-- Add 'Fld_Rep_Cd' column if it doesn't exist  
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS  
                WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME = 'Fld_Rep_Cd')  
BEGIN  
    ALTER TABLE dbo.Month_Data_8  
    ADD Fld_Rep_Cd VARCHAR(50);  
END;
```

```
-- Add 'pev_portfolioResponsibleCode' column if it doesn't exist  
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS
```

```
        WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME =  
'pev_portfolioResponsibleCode')
```

```
BEGIN
```

```
    ALTER TABLE dbo.Month_Data_8
```

```
    ADD pev_portfolioResponsibleCode VARCHAR(50);
```

```
END;
```

```
-- Add 'pev_id' column if it doesn't exist
```

```
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS
```

```
    WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME = 'pev_id')
```

```
BEGIN
```

```
    ALTER TABLE dbo.Month_Data_8
```

```
    ADD pev_id VARCHAR(50);
```

```
END;
```

```
-- Add 'policy_type' column if it doesn't exist
```

```
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS
```

```
    WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME = 'policy_type')
```

```
BEGIN
```

```
    ALTER TABLE dbo.Month_Data_8
```

```
    ADD policy_type VARCHAR(50);
```

```
END;
```

```
-- Add 'agent_performance' column if it doesn't exist
```

```
IF NOT EXISTS (SELECT * FROM INFORMATION_SCHEMA.COLUMNS
```

```
    WHERE TABLE_NAME = 'Month_Data_8' AND COLUMN_NAME =  
'agent_performance')
```

```
BEGIN
```

```
    ALTER TABLE dbo.Month_Data_8
```

```
    ADD agent_performance VARCHAR(50);
```

```
END;
```

```
-- Step 4: Add 'Policy_Status' column if it doesn't already exist
IF COL_LENGTH('dbo.Month_Data_8', 'Policy_Status') IS NULL
BEGIN
    ALTER TABLE dbo.Month_Data_8
    ADD Policy_Status VARCHAR(10);
END;
```

```
-- Step 5: Add necessary columns to 'Month_Data_8' if they don't already exist
-- Add 'Season' column to store the season (Q1, Q2, Q3, Q4)
IF COL_LENGTH('dbo.Month_Data_8', 'Season') IS NULL
BEGIN
    ALTER TABLE dbo.Month_Data_8
    ADD Season VARCHAR(5);
END;
```

```
-- Add 'Seasonal_Performance' column to store performance indicator
IF COL_LENGTH('dbo.Month_Data_8', 'Seasonal_Performance') IS NULL
BEGIN
    ALTER TABLE dbo.Month_Data_8
    ADD Seasonal_Performance VARCHAR(20);
END;
```

```
-- Ensure 'Clawback_Category' column exists in 'Month_Data_8'
IF COL_LENGTH('dbo.Month_Data_8', 'Clawback_Category') IS NULL
BEGIN
    ALTER TABLE dbo.Month_Data_8
    ADD Clawback_Category VARCHAR(20); -- To store clawback timing categories like 'Early',
'Mid-Term', 'Late'
END;
```

```
-- Step 6: Update 'Policy_Status' based on 'Policy_Duration' in 'Month_Data_8'
UPDATE dbo.Month_Data_8
```

```

SET Policy_Status = CASE
    WHEN Policy_Duration >= 365 THEN 'Active'
    ELSE 'Cancel'
END;

```

-- Step 7: Create a temporary table to gather policy and transaction details

```

WITH PolicyTransactions AS (
    SELECT
        p.Key_Policy,
        p.bnd_dt,
        p.pln_end_dt,
        p.Vld_Fm_Tms,
        p.Vld_To_Tms,
        p.Agrm_Sts_Cd,
        pt.pev_createdat,
        pt.pev_portfolioresponsiblecode,
        pt.pev_id,
        p.Vrsn,
        p.Sub_Vrsn,
        DATEDIFF(day, p.Vld_Fm_Tms, p.Vld_To_Tms) AS Policy_Duration,
        DATEADD(day, -1, p.Sts_Dt) AS Cncl_Dt
    FROM dbo.Policy_clean p
    JOIN dbo.Policy_Transactions_clean pt ON p.Ext_Refr = pt.po_No
    WHERE
        p.Agrm_Sts_Cd IN ('Active', 'Cancel')
        AND p.Vld_Fm_Tms BETWEEN '2024-01-01' AND '2024-08-31'
        AND p.Vld_To_Tms IS NOT NULL
        AND p.Vrsn = (SELECT MAX(Vrsn) FROM dbo.Policy_clean WHERE Key_Policy =
p.Key_Policy)
        AND p.Sub_Vrsn = (SELECT MAX(Sub_Vrsn) FROM dbo.Policy_clean WHERE
Key_Policy = p.Key_Policy AND Vrsn = p.Vrsn)
        AND pt.pev_createdat BETWEEN p.Vld_Fm_Tms AND p.Vld_To_Tms

```

),

-- Step 8: Filter consistent portfolio codes for 'WILDWEST-2' and 'WILDWEST-3'

ConsistentPortfolioCodes AS (

SELECT Key_Policy, MIN(pev_portfolioresponsiblecode) AS PortfolioCode

FROM PolicyTransactions

GROUP BY Key_Policy

HAVING COUNT(DISTINCT pev_portfolioresponsiblecode) = 1

AND MIN(pev_portfolioresponsiblecode) IN ('WILDWEST-2', 'WILDWEST-3')

),

-- Step 9: Prepare 'SalesPortfolio' with relevant policy data

SalesPortfolio AS (

SELECT

po.Key_Policy,

po.Payment_Status,

po.Product_Name,

po.Sales_Date,

po.Vld_Fm_Tms,

po.Vld_To_Tms,

DATEDIFF(day, po.Vld_Fm_Tms, po.Vld_To_Tms) AS Policy_Duration,

s.Org_Lvl_Nm,

pt.pev_portfolioresponsiblecode,

po.Annual_Premium,

pt.Agrm_Sts_Cd,

pt.Cncl_Dt,

ROW_NUMBER() OVER (PARTITION BY po.Key_Policy ORDER BY po.Sales_Date
DESC) AS RowNum,

CASE

WHEN po.Annual_Premium >= 1500 THEN 'Premium'

WHEN DATEDIFF(day, po.Vld_Fm_Tms, po.Vld_To_Tms) > 365 THEN 'Long-Term'

ELSE 'Standard'

```

END AS Policy_Type,
CASE
    WHEN po.Annual_Premium >= 1000 THEN 'Good'
    ELSE 'Bad'
END AS Agent_Performance
FROM dbo.Portfolio_clean po
JOIN dbo.Sales_Org_clean s ON po.Key_SS_Org = s.Key_SS_Org
JOIN PolicyTransactions pt ON po.Key_Policy = pt.Key_Policy
JOIN ConsistentPortfolioCodes cpc ON pt.Key_Policy = cpc.Key_Policy
WHERE
    po.Payment_Status = 'Paid'
    AND (
        (s.Org_Lvl_Nm = 'Outbound' AND pt.pev_portfolioresponsiblecode = 'WILDWEST-3')
        OR (s.Org_Lvl_Nm = 'Internet' AND pt.pev_portfolioresponsiblecode = 'WILDWEST-3')
        OR (s.Org_Lvl_Nm = 'Inbound' AND pt.pev_portfolioresponsiblecode = 'WILDWEST-2')
    )
    AND s.fld_rep_cd NOT LIKE 'Inactive%'
),

```

-- Step 10: Determine the season for cancellation data

```

CancellationData AS (
SELECT
    sp.Key_Policy,
CASE
    WHEN MONTH(sp.Sales_Date) IN (12, 1, 2) THEN 'Q1'
    WHEN MONTH(sp.Sales_Date) IN (3, 4, 5) THEN 'Q2'
    WHEN MONTH(sp.Sales_Date) IN (6, 7, 8) THEN 'Q3'
    WHEN MONTH(sp.Sales_Date) IN (9, 10, 11) THEN 'Q4'
END AS Season
FROM SalesPortfolio sp
GROUP BY sp.Key_Policy, sp.Sales_Date

```

)

-- Step 11: Final selection with calculated values (e.g., Commission, Season, Policy_Status)

SELECT

sp.Key_Policy,

sp.Org_Lvl_Nm,

sp.Anual_Premium,

sp.Product_Name,

sp.pev_portfolioresponsiblecode,

sp.Policy_Duration,

sp.Payment_Status,

sp.Sales_Date,

-- Updated Commission_Amount calculation

CASE

WHEN sp.Sales_Date BETWEEN '2024-01-01' AND '2024-01-31' THEN 0 -- Commission is 0 for January 2024

WHEN ROW_NUMBER() OVER (ORDER BY sp.Key_Policy) <= 1500 THEN 0.12 * sp.Anual_Premium

ELSE 0.14 * sp.Anual_Premium

END AS Commission_Amount,

cd.Season

FROM SalesPortfolio sp

LEFT JOIN CancellationData cd ON sp.Key_Policy = cd.Key_Policy

WHERE sp.RowNum = 1;

-- Step 12: Update the 'EMD' table with calculated values such as Policy_Status, Commission_Eligibility, and Clawback

UPDATE EMD

SET

Policy_Status = CASE WHEN sp.Policy_Duration >= 365 THEN 'Active' ELSE 'Cancel'
END,

Policy_Duration = COALESCE(sp.Policy_Duration, 0),

Commission_Eligibility = CASE


```

WHEN sp.Sales_Date BETWEEN '2024-01-01' AND '2024-01-31' THEN 'NO'

ELSE

CASE

    WHEN sp.pev_portfolioresponsiblerecode IN ('WILDWEST-2', 'WILDWEST-3')

        AND (sp.Vld_Fm_Tms <= EMD.Sales_Date AND (sp.Vld_To_Tms IS NULL OR
sp.Vld_To_Tms >= EMD.Sales_Date))

        AND sp.Payment_Status = 'Paid'

        AND (sp.Product_Name BETWEEN 'Product 1' AND 'Product 8' OR
sp.Product_Name BETWEEN 'Product 13' AND 'Product 31')

        AND (

            (sp.pev_portfolioresponsiblerecode = 'WILDWEST-3' AND (sp.Org_Lvl_Nm =
'Outbound' OR sp.Org_Lvl_Nm = 'Internet'))

            OR (sp.pev_portfolioresponsiblerecode = 'WILDWEST-2' AND sp.Org_Lvl_Nm =
'Inbound')

        )

        THEN 'YES'

        ELSE 'NO'

    END,

Cncl_Dt = CASE WHEN Policy_Status = 'Cancel' THEN sp.Cncl_Dt ELSE NULL END,

-- Updated Clawback calculation

Clawback = CASE

    WHEN sp.Sales_Date BETWEEN '2024-01-01' AND '2024-01-31' THEN 0 -- Clawback is
0 for January 2024

    WHEN Policy_Status = 'Cancel'

        AND sp.Cncl_Dt IS NOT NULL

        AND DATEDIFF(day, sp.Vld_Fm_Tms, sp.Vld_To_Tms) > 0

        AND (EMD.Sales_Date < '2024-01-01' OR EMD.Sales_Date > '2024-01-31')

    THEN

        ABS(

            (CAST(DATEDIFF(day, sp.Vld_Fm_Tms, sp.Cncl_Dt) AS FLOAT) /

            CAST(DATEDIFF(day, sp.Vld_Fm_Tms, sp.Vld_To_Tms) AS FLOAT)) *

            sp.Annual_Premium

        )


```

```
        ELSE 0
    END,
    EMD.Season = cd.Season,
    EMD.Seasonal_Performance = CASE
        WHEN cd.Cancellation_Rate < 10 THEN 'Good'
        WHEN cd.Cancellation_Rate BETWEEN 10 AND 20 THEN 'Average'
        ELSE 'Poor'
    END
END
FROM SalesPortfolio sp
LEFT JOIN CancellationData cd ON sp.Key_Policy = cd.Key_Policy
WHERE sp.RowNum = 1;
```

CODE FOR AGGREGATE MONTHLY ANALYSIS :

-- Create a new table to store the summarized data with Commission Eligibility for the Wild West dataset

```
CREATE TABLE [Wild West].dbo.Policy_Summary_Updated (
    Month VARCHAR(7), -- Month-Year format
    Total_Policies INT,
    Active_Policies INT,
    Cancelled_Policies INT,
    New_Policies INT,
    Renewed_Policies INT,
    Premium_Revenue DECIMAL(18,2),
    Commission_Paid DECIMAL(18,2),
    Total_Clawback DECIMAL(18,2),
    Premium_Policies INT,
    Standard_Policies INT,
    Long_Term_Policies INT,
    Outbound_Sales INT,
    Internet_Sales INT,
    Inbound_Sales INT,
    Good_Performance_Agents INT,
    Poor_Performance_Agents INT,
    Seasonal_Performance VARCHAR(10),
    Commission_Eligibility VARCHAR(10) -- New column for Commission Eligibility
);
SELECT
    FORMAT(Sales_Date, 'yyyy-MM') AS Month, -- Month-Year format
    COUNT(Key_Policy) AS Total_Policies,
    SUM(CASE WHEN Policy_Status = 'Active' THEN 1 ELSE 0 END) AS Active_Policies,
    SUM(CASE WHEN Policy_Status = 'Cancel' THEN 1 ELSE 0 END) AS Cancelled_Policies,
    SUM(CASE WHEN Policy_Type = 'New' THEN 1 ELSE 0 END) AS New_Policies,
    SUM(CASE WHEN Policy_Type = 'Renewed' THEN 1 ELSE 0 END) AS Renewed_Policies,
    SUM(Annual_Premium) AS Premium_Revenue,
    SUM(Commission) AS Commission_Paid,
    SUM(Clawback) AS Total_Clawback, -- Total Clawback
    SUM(CASE WHEN Policy_Type = 'Premium' THEN 1 ELSE 0 END) AS Premium_Policies,
    SUM(CASE WHEN Policy_Type = 'Standard' THEN 1 ELSE 0 END) AS Standard_Policies,
    SUM(CASE WHEN Policy_Type = 'Long-Term' THEN 1 ELSE 0 END) AS Long_Term_Policies,
    SUM(CASE WHEN Org_Lvl_Nm = 'Outbound' THEN 1 ELSE 0 END) AS Outbound_Sales,
    SUM(CASE WHEN Org_Lvl_Nm = 'Internet' THEN 1 ELSE 0 END) AS Internet_Sales,
    SUM(CASE WHEN Org_Lvl_Nm = 'Inbound' THEN 1 ELSE 0 END) AS Inbound_Sales,
    SUM(CASE WHEN Agent_Performance = 'Good' THEN 1 ELSE 0 END) AS
    Good_Performance_Agents,
    SUM(CASE WHEN Agent_Performance = 'Bad' THEN 1 ELSE 0 END) AS
    Poor_Performance_Agents,
    CASE
        WHEN AVG(Annual_Premium) >= 1500 THEN 'Good'
        WHEN AVG(Annual_Premium) BETWEEN 1000 AND 1499 THEN 'Average'
        ELSE 'Poor'
    END AS Seasonal_Performance
FROM dbo.Month_Data_8
WHERE Sales_Date BETWEEN '2024-01-01' AND '2024-08-31'
    AND Commission_Eligibility = 'YES' -- Filter only rows with Commission Eligibility
    = 'YES'
GROUP BY FORMAT(Sales_Date, 'yyyy-MM')
ORDER BY Month ASC;
```

CODE FOR EXTRA ANALYSIS : MONTHLY BREAKDOWN OF ACTIVE VS CANCELED POLICIES

```
USE [Wild West]
-- Create a new table and insert the result of the query
SELECT
    EMD.Sales_Date,                                -- The specific date for the policy
    EMD.Seasonal_Performance,                      -- Seasonal performance (Good, Average,
    Poor)                                           -- Policy status (Active/Cancel) on the
    EMD.Policy_Status,                             -- Count of policies for the specific
    COUNT(*) AS PolicyCount,                      -- Count of Active policies
    SUM(CASE WHEN EMD.Policy_Status = 'Active' THEN 1 ELSE 0 END) AS ActivePolicies,
    SUM(CASE WHEN EMD.Policy_Status = 'Cancel' THEN 1 ELSE 0 END) AS CanceledPolicies,
    AVG(EMD.Cancellation_Rate) AS AvgCancellationRate -- Average cancellation rate
    for that specific date
    INTO dbo.PolicySeasonalSummary -- This creates the new table
    FROM dbo.Month_Data_8 EMD
    GROUP BY
        EMD.Sales_Date,                            -- Group by specific date
        EMD.Seasonal_Performance,                  -- Group by Seasonal Performance on
        that specific date                          -- Group by Policy Status
        EMD.Policy_Status
    (Active/Cancel) on that specific date
    ORDER BY
        EMD.Sales_Date,                            -- Order results by Sales Date
        EMD.Seasonal_Performance,                  -- Then by Seasonal Performance (Good,
        Average, Poor)                             -- Finally, by Policy Status
        EMD.Policy_Status;
    (Active/Cancel)
```

CODE FOR THE DATA MODEL

```
use [Wild West]
CREATE TABLE Policy (
    Key_Policy INT PRIMARY KEY,
    Ext_Refr NVARCHAR(50),
    Term TINYINT,
    Vrsn TINYINT,
    Sub_Vrsn TINYINT,
    Agrm_Sts_Cd NVARCHAR(10),
    Prtn NVARCHAR(50)
);
CREATE TABLE PolicyDates (
    PolicyDate_ID INT PRIMARY KEY IDENTITY,
    Key_Policy INT REFERENCES Policy(Key_Policy),
    Incp_Dt DATE,
    Bnd_Dt DATE,
    Pln_End_Dt DATE,
    Rnew_Dt DATE,
    Cncl_Dt DATE,
    Sts_Dt DATE
);
CREATE TABLE SalesOrganization (
    Key_SS_Org INT,
    Key_Policy INT REFERENCES Policy(Key_Policy),
    Fld_Rep_Cd NVARCHAR(10),
    Org_Lvl_cd NVARCHAR(10),
    Org_Lvl_Nm NVARCHAR(50)
);
CREATE TABLE Portfolio (
    Portfolio_ID INT PRIMARY KEY IDENTITY,
    Key_Policy INT REFERENCES Policy(Key_Policy),
    Key_SS_Org INT,
    Sales_Date DATE,
    Annual_Premium BIGINT
);
CREATE TABLE PortfolioValidity (
    Validity_ID INT PRIMARY KEY IDENTITY,
    Portfolio_ID INT REFERENCES Portfolio(Portfolio_ID),
    Vld_Fm_Tms DATETIME2,
    Vld_To_Tms DATETIME2
);
CREATE TABLE PortfolioStatus (
    PortfolioStatus_ID INT PRIMARY KEY IDENTITY,
    Portfolio_ID INT REFERENCES Portfolio(Portfolio_ID),
    Payment_Status NVARCHAR(20),
    PaymentDate DATE
);
CREATE TABLE Product (
    Product_ID INT PRIMARY KEY IDENTITY,
    product_Name NVARCHAR(50)
);
CREATE TABLE PortfolioProduct (
    PortfolioProduct_ID INT PRIMARY KEY IDENTITY,
    Portfolio_ID INT REFERENCES Portfolio(Portfolio_ID),
    Product_ID INT REFERENCES Product(Product_ID),
    No_Of_Sold_Policies TINYINT,
    No_Of_Cancelled_Policies INT,
    No_Of_Paid_Policies INT
);
```

```

);
CREATE TABLE [Transaction] (
    Transaction_ID INT PRIMARY KEY IDENTITY,
    Created_At DATETIME2,
    Portfolio_Responsible_Code NVARCHAR(50),
    Key_Policy INT REFERENCES Policy(Key_Policy),
    Portfolio_No NVARCHAR(50)
);
CREATE TABLE CancellationPolicy (
    Key_Policy INT REFERENCES Policy(Key_Policy),
    Cancel_Before_Vld_Frm INT,
    Cancel_After_Vld_Frm INT
);
CREATE TABLE TransactionResponsible (
    Responsible_ID INT PRIMARY KEY IDENTITY,
    Transaction_ID INT REFERENCES [Transaction](Transaction_ID),
    Pev_PortfolioResponsibleCode NVARCHAR(50)
);
use [Wild West]
-- Insert statements with updated column names
INSERT INTO Policy (Key_Policy, Ext_Refr, Term, Vrsn, Sub_Vrsn, Agrm_Sts_Cd,
Prtn)
SELECT Key_Policy, Ext_Refr, Term, Vrsn, Sub_Vrsn, Agrm_Sts_Cd, Prtn FROM
dbo.Policy_clean;
INSERT INTO PolicyDates (Key_Policy, Incp_Dt, Bnd_Dt, Pln_End_Dt, Rnew_Dt,
Cncl_Dt, Sts_Dt)
SELECT Key_Policy, Incp_Dt, Bnd_Dt, Pln_End_Dt, Rnew_Dt, Cncl_Dt, Sts_Dt FROM
dbo.Policy_clean;
INSERT INTO SalesOrganization (Key_SS_Org, Key_Policy, Fld_Rep_Cd, Org_Lvl_cd,
Org_Lvl_Nm)
SELECT DISTINCT Sales_Org_clean.Key_SS_Org, dbo.Policy_clean.Key_Policy,
Sales_Org_clean.Fld_Rep_Cd, Sales_Org_clean.Org_Lvl_cd, Sales_Org_clean.Org_Lvl_Nm
FROM Sales_Org_clean
INNER JOIN Portfolio_clean ON Sales_Org_clean.Key_SS_Org =
Portfolio_clean.Key_SS_Org
INNER JOIN Policy_clean ON Portfolio_clean.Key_Policy =
Policy_clean.Key_Policy;
INSERT INTO Portfolio (Key_Policy, Key_SS_Org, Sales_Date, Annual_Premium)
SELECT lp.Key_Policy, lp.Key_SS_Org, lp.Sales_Date, lp.Annual_Premium FROM
dbo.Portfolio_clean lp;
INSERT INTO PortfolioValidity (Portfolio_ID, Vld_Fm_Tms, Vld_To_Tms)
SELECT p.Portfolio_ID, lp.Vld_Fm_Tms, lp.Vld_To_Tms
FROM dbo.Portfolio_clean lp
INNER JOIN Portfolio p ON lp.Key_Policy = p.Key_Policy;
INSERT INTO PortfolioStatus (Portfolio_ID, Payment_Status, PaymentDate)
SELECT p.Portfolio_ID, lp.Payment_Status, lp.PaymentDate
FROM dbo.Portfolio_clean lp
INNER JOIN Portfolio p ON lp.Key_Policy = p.Key_Policy;
INSERT INTO Product (product_Name)
SELECT DISTINCT product_Name FROM dbo.Portfolio_clean WHERE product_Name IS NOT
NULL;
INSERT INTO PortfolioProduct (Portfolio_ID, Product_ID, No_Of_Sold_Policies,
No_Of_Cancelled_Policies, No_Of_Paid_Policies)
SELECT p.Portfolio_ID, pr.Product_ID, lp.No_Of_Sold_Policies,
lp.No_Of_Cancelled_Policies, lp.No_Of_Paid_Policies
FROM dbo.Portfolio_clean lp
INNER JOIN Portfolio p ON lp.Key_Policy = p.Key_Policy
INNER JOIN Product pr ON lp.product_Name = pr.product_Name;
INSERT INTO [Transaction] (Created_At, Portfolio_Responsible_Code, Key_Policy,
Portfolio_No)
SELECT pev_CreatedAt, Pev_PortfolioResponsibleCode, Key_Policy, po_No FROM
dbo.Policy_Transactions_clean;

```

```
INSERT INTO CancellationPolicy (Key_Policy, Cancel_Before_Vld_Frm,  
Cancel_After_Vld_Frm)  
SELECT Key_Policy, Cancel_Before_Vld_Frm, Cancel_After_Vld_Frm FROM  
dbo.Portfolio_clean;  
INSERT INTO TransactionResponsible (Transaction_ID,  
Pev_PortfolioResponsibleCode)  
SELECT t.Transaction_ID, lt.Pev_PortfolioResponsibleCode  
FROM Policy_Transactions_clean AS lt  
INNER JOIN [Transaction] AS t ON lt.Key_Policy = t.Key_Policy;
```