

Restartable Deletion and Insertion Script with Row Count Validation

```
USE FDI_ODS_TXN;
GO

DECLARE
    @MaxBusinessDate DATETIME,
    @MinBusinessDate DATETIME,
    @RowCountOld INT,
    @RowCountNew INT;

-- Get range from source
SELECT
    @MaxBusinessDate = MAX(BusinessDate),
    @MinBusinessDate = MIN(BusinessDate)
FROM FDI_Transaction_VoucherDetail_OLD (NOLOCK);

-- Enable identity insert once
SET IDENTITY_INSERT FDI_Transaction_VoucherDetail ON;

WHILE @MinBusinessDate <= @MaxBusinessDate
BEGIN
    -- Count rows in source (OLD)
    SELECT @RowCountOld = COUNT(*)
    FROM FDI_Transaction_VoucherDetail_OLD (NOLOCK)
    WHERE BusinessDate = @MinBusinessDate;

    -- Count rows in target
    SELECT @RowCountNew = COUNT(*)
    FROM FDI_Transaction_VoucherDetail
    WHERE BusinessDate = @MinBusinessDate;

    IF @RowCountOld = 0
    BEGIN
        PRINT CONCAT('Skipping date (no source data): ', CONVERT(VARCHAR, @MinBusinessDate, 120));
    END
    ELSE IF @RowCountOld <> @RowCountNew
    BEGIN
        PRINT CONCAT('Processing: ', CONVERT(VARCHAR, @MinBusinessDate, 120));
        PRINT CONCAT('Old count = ', @RowCountOld, ', New count = ', @RowCountNew);

        -- Delete only if there's data in target
        DELETE FROM FDI_Transaction_VoucherDetail
        WHERE BusinessDate = @MinBusinessDate;

        -- Insert from OLD
        INSERT INTO FDI_Transaction_VoucherDetail (
            PostDate, VoucherDetailID, BusinessDate, FileControlID,
            TransactionReferenceNumber, VoucherStoreID
        )
        SELECT
            PostDate, VoucherDetailID, BusinessDate, FileControlID,
            TransactionReferenceNumber, VoucherStoreID
```

```

FROM FDI_Transaction_VoucherDetail_OLD (NOLOCK)
WHERE BusinessDate = @MinBusinessDate;

-- Recheck post-insert count
SELECT @RowCountNew = COUNT(*)
FROM FDI_Transaction_VoucherDetail
WHERE BusinessDate = @MinBusinessDate;

IF @RowCountNew <> @RowCountOld
BEGIN
    PRINT CONCAT('X Row count mismatch after insert on ', CONVERT(VARCHAR,
@MinBusinessDate, 120));
    END
ELSE
    BEGIN
        PRINT CONCAT('OK Successfully processed: ', CONVERT(VARCHAR, @MinBusinessDate, 120));
    END
END
ELSE
    BEGIN
        PRINT CONCAT('OK Already matching for date: ', CONVERT(VARCHAR, @MinBusinessDate, 120));
    END
END

SET @MinBusinessDate = DATEADD(DAY, 1, @MinBusinessDate);
END

-- Disable identity insert
SET IDENTITY_INSERT FDI_Transaction_VoucherDetail OFF;

```