WHERE lastUpdate = @LAST UPDATE;

```
*************************************
DECLARE @LAST_UPDATE as DATETIME = (SELECT lastUpdate
                             FROM StagingDatabase.staging.LastUpdate);
-- Insert newly updated rows into temp_f_sales table. Select only the ones newer than the last update.
INSERT INTO StagingDatabase.staging.stage_f_sales
(business_customer_id, business_product_id, business_order_date, quantity, line_total)
   (SELECT C.CustomerID, P.ProductID, OrderDate, SOD.OrderQty, SOD.LineTotal
    FROM AdventureWorks2017.Sales.SalesOrderHeader SOH
           JOIN AdventureWorks2017.Sales.SalesOrderDetail SOD on SOH.SalesOrderID = SOD.SalesOrderID
           JOIN AdventureWorks2017.Sales.Customer C on SOH.CustomerID = C.CustomerID
           JOIN AdventureWorks2017.Production.Product P on SOD.ProductID = P.ProductID
    WHERE OnlineOrderFlag = 1
     AND OrderDate > @LAST_UPDATE);
-- Find corresponding surrogate keys.
                  UPDATE StagingDatabase.staging.stage f sales
SET customer id = (SELECT dimension customer id
               FROM AdventureWorks DW.star schema.d customer AS dim C id
               WHERE dim_C_id.customer_id = business_customer_id
                 AND valid_to = '9999-12-31')
WHERE customer_id IS NULL;
UPDATE StagingDatabase.staging.stage_f_sales
SET product_id = (SELECT dimension_product_id
               FROM AdventureWorks_DW.star_schema.d_product AS dim_P_id
               WHERE dim_P_id.product_id = business_product_id
                AND val\bar{id} to = '9999-12-31')
WHERE product id IS NULL;
UPDATE StagingDatabase.staging.stage_f_sales
SET date_id = (SELECT dimension_date_id
            FROM AdventureWorks_DW.star_schema.d_date AS dim_D_id
            WHERE dim D id.date = business order date)
WHERE date id IS NULL;
-- Insert data into Data Warehouse Fact Sales table
INSERT INTO AdventureWorks_DW.star_schema.f_sales(customer_id, product_id, date_id, quantity, line_total)
SELECT customer_id, product_id, date_id, quantity, line_total
FROM StagingDatabase.staging.temp_f_sales;
-- Update last update table with the newest date
UPDATE StagingDatabase.staging.LastUpdate
SET lastUpdate = GETDATE()
```