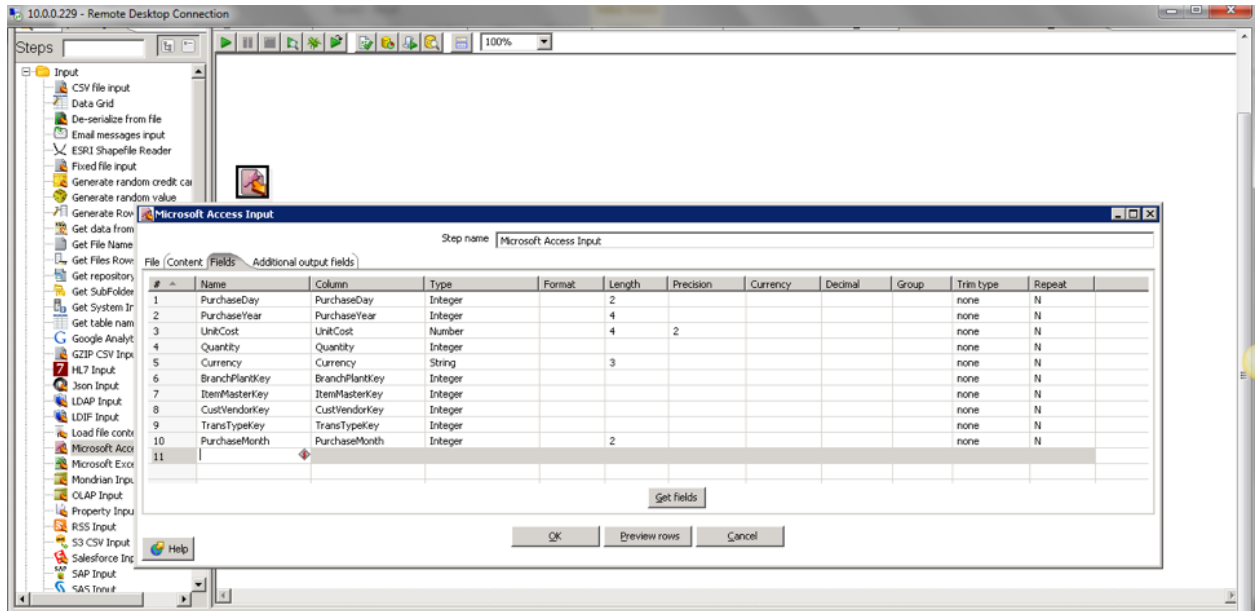
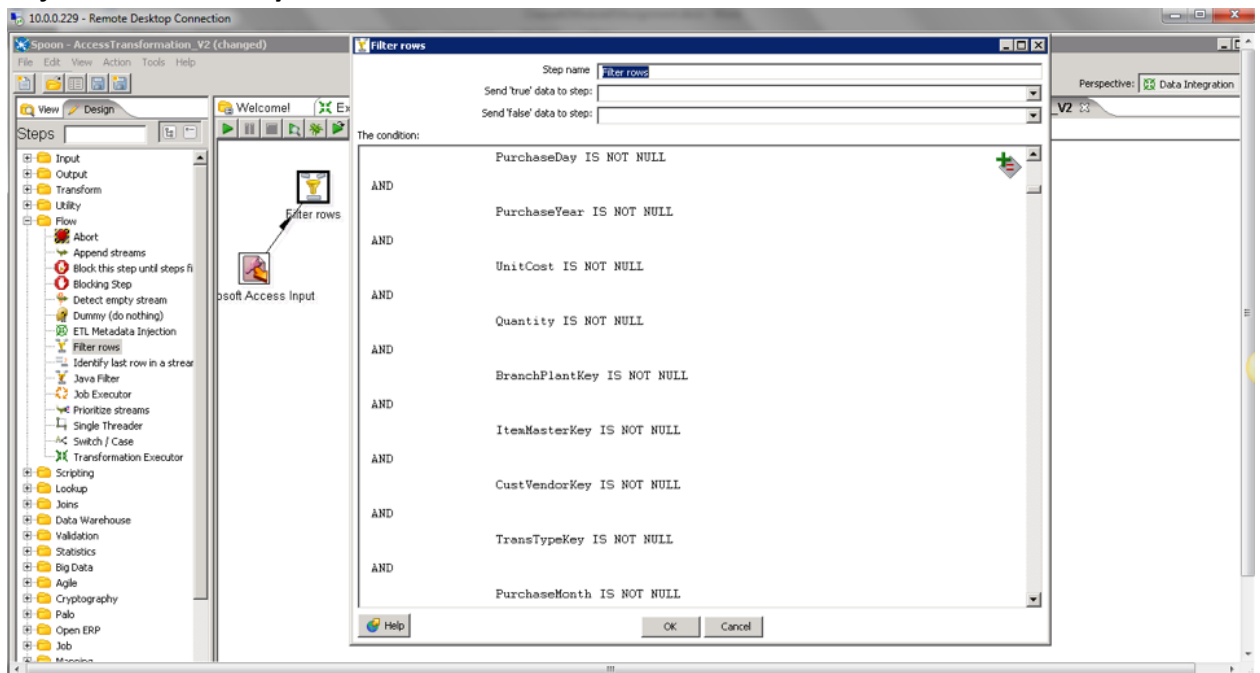


ACCESS INPUT PROCESSING:

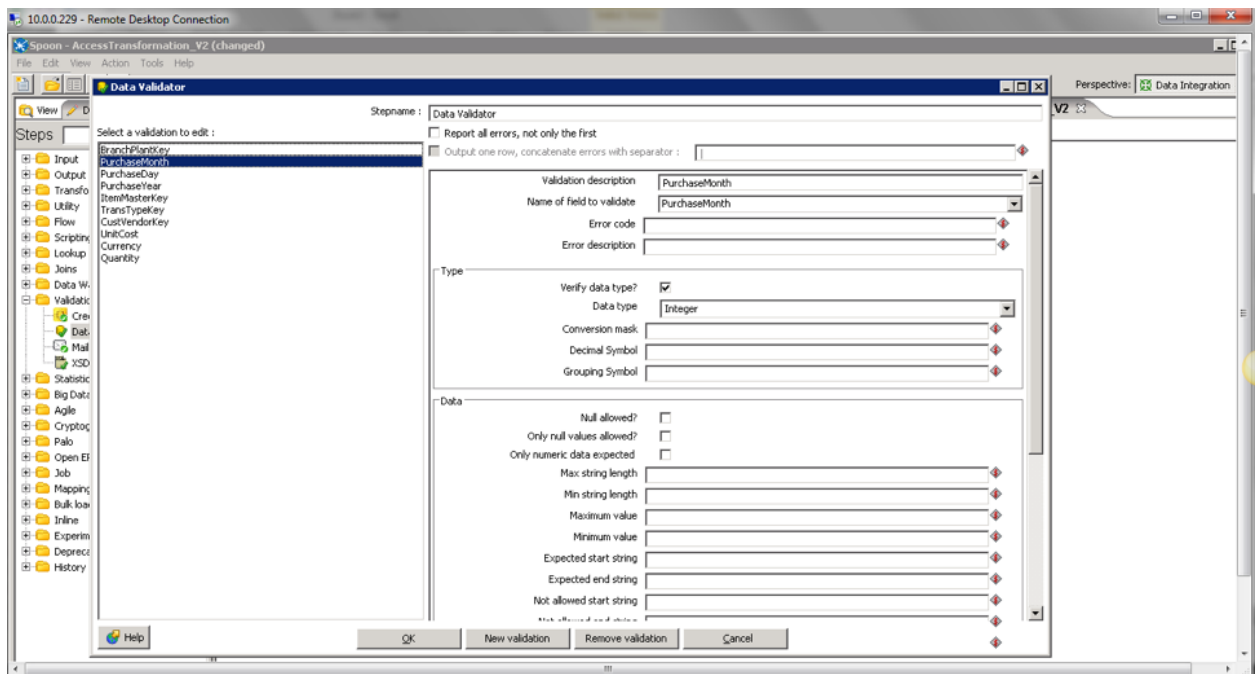
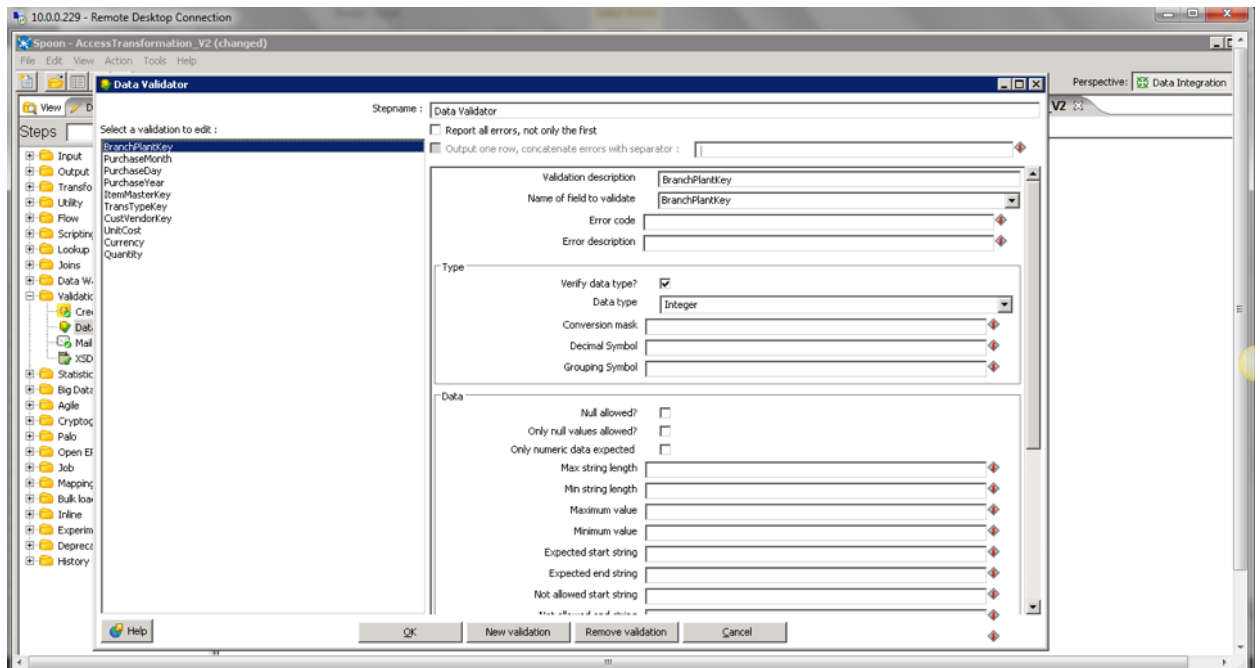
1. Microsoft ACCESS Input:

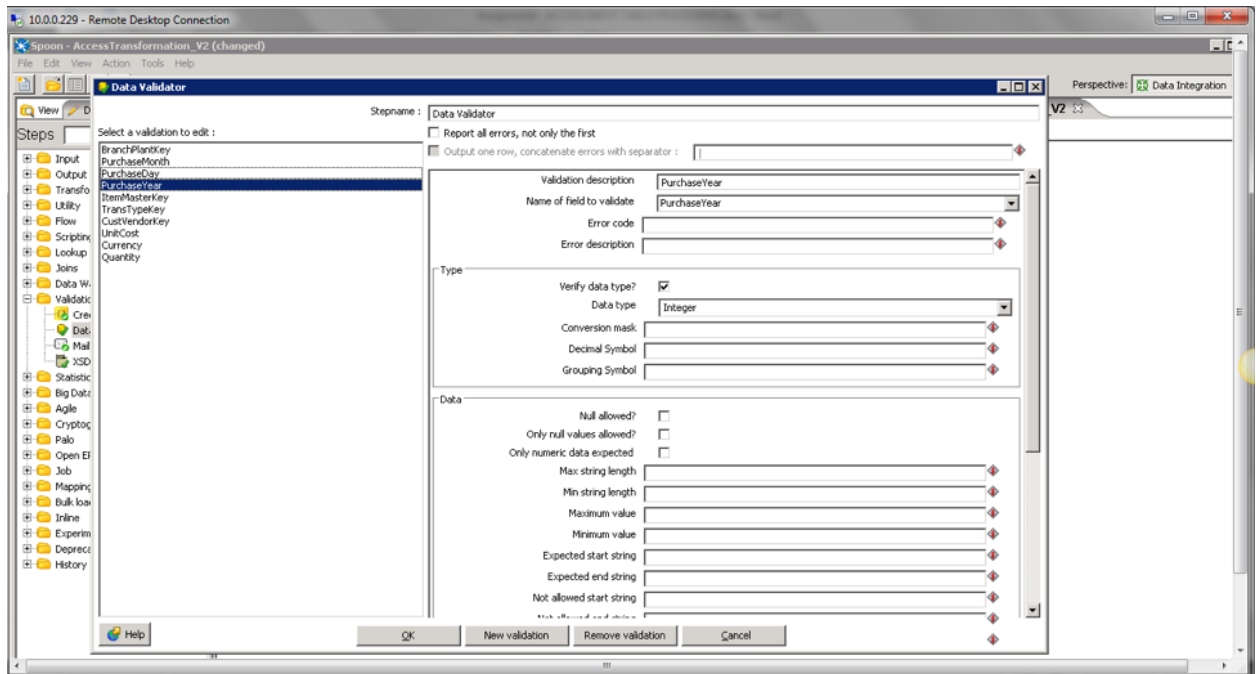
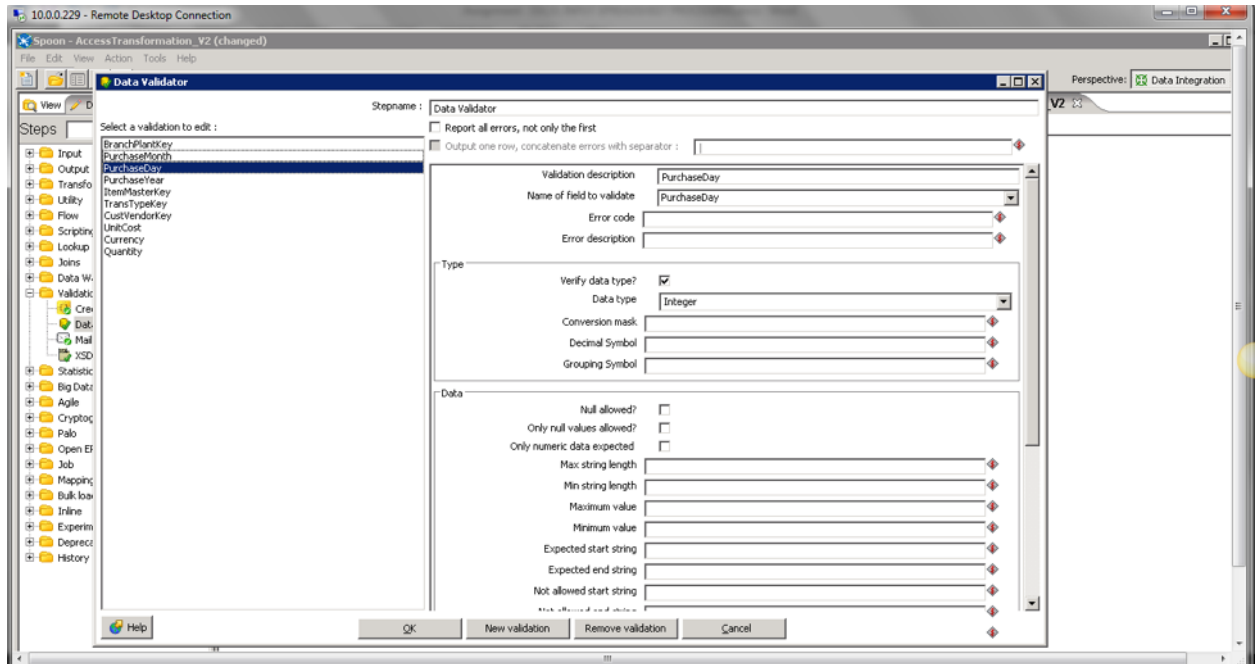


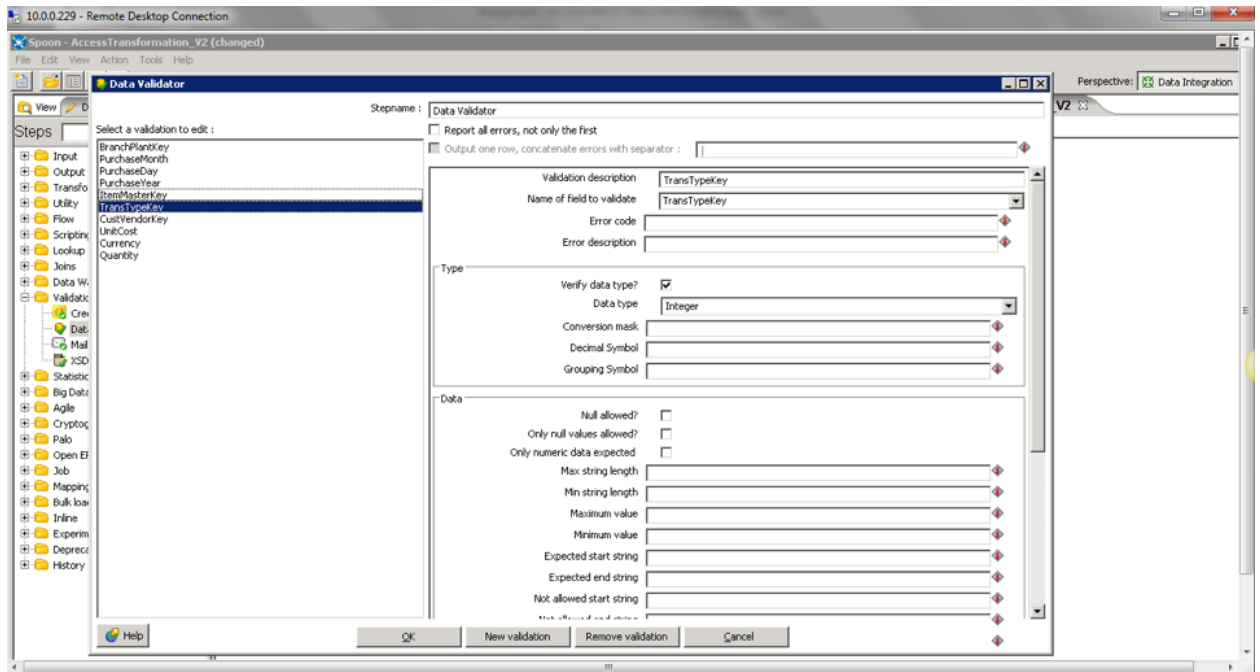
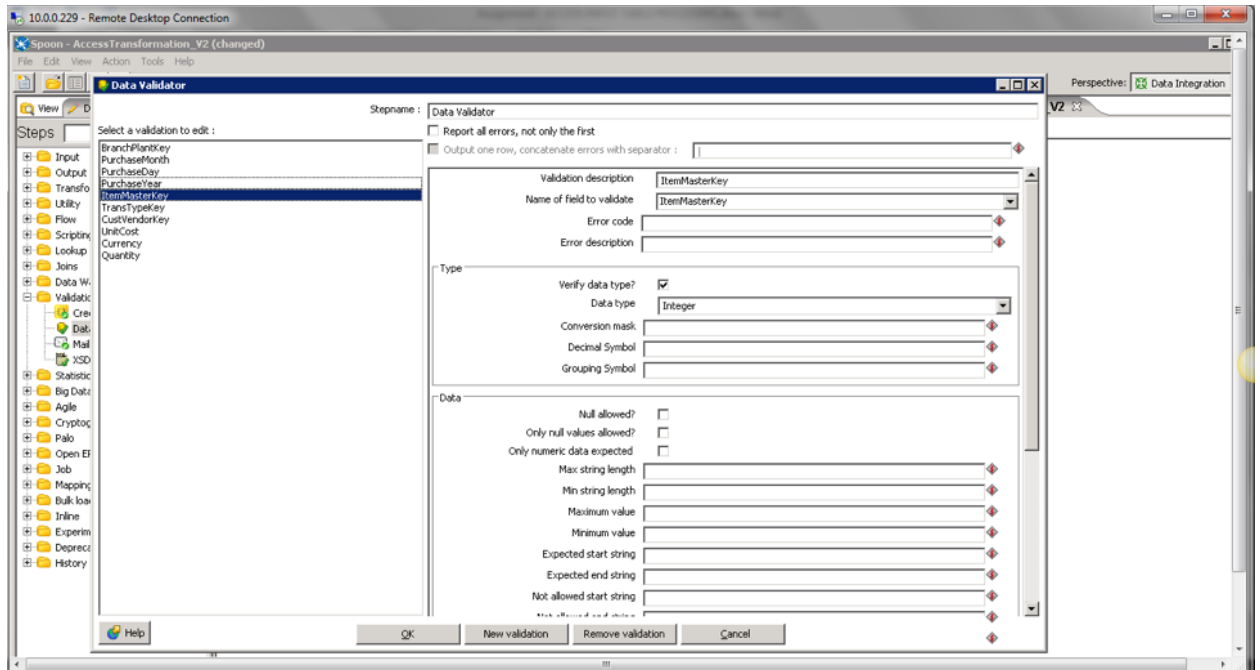
2. Reject a record if any field is null

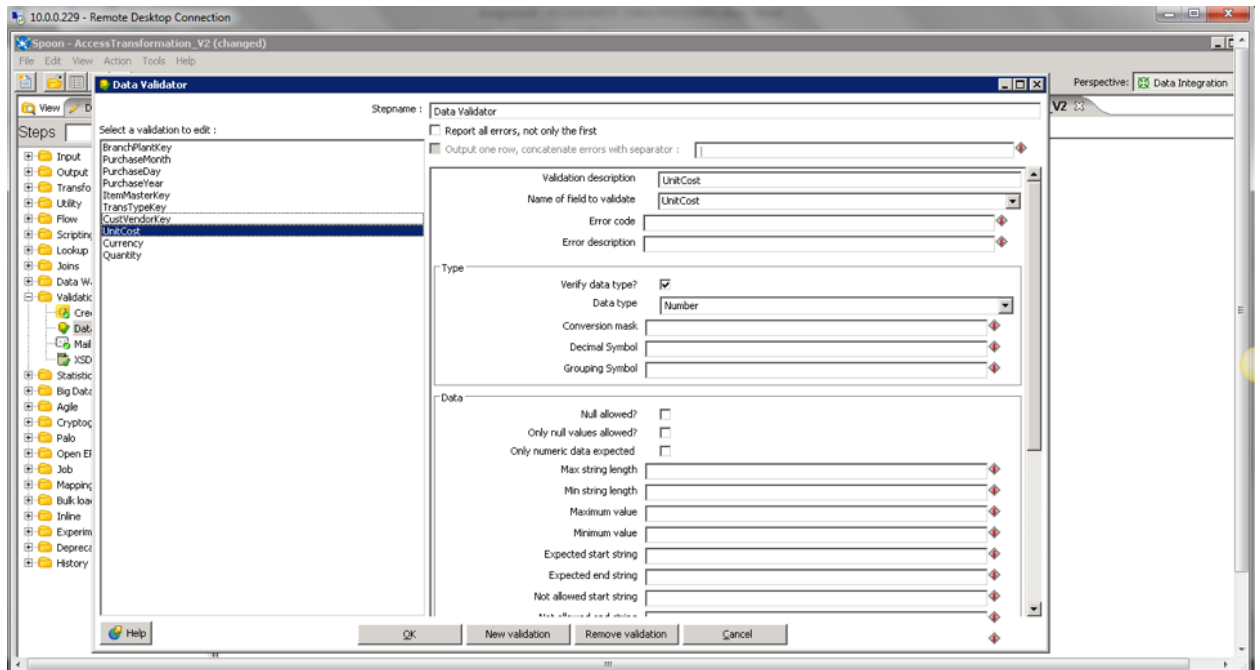
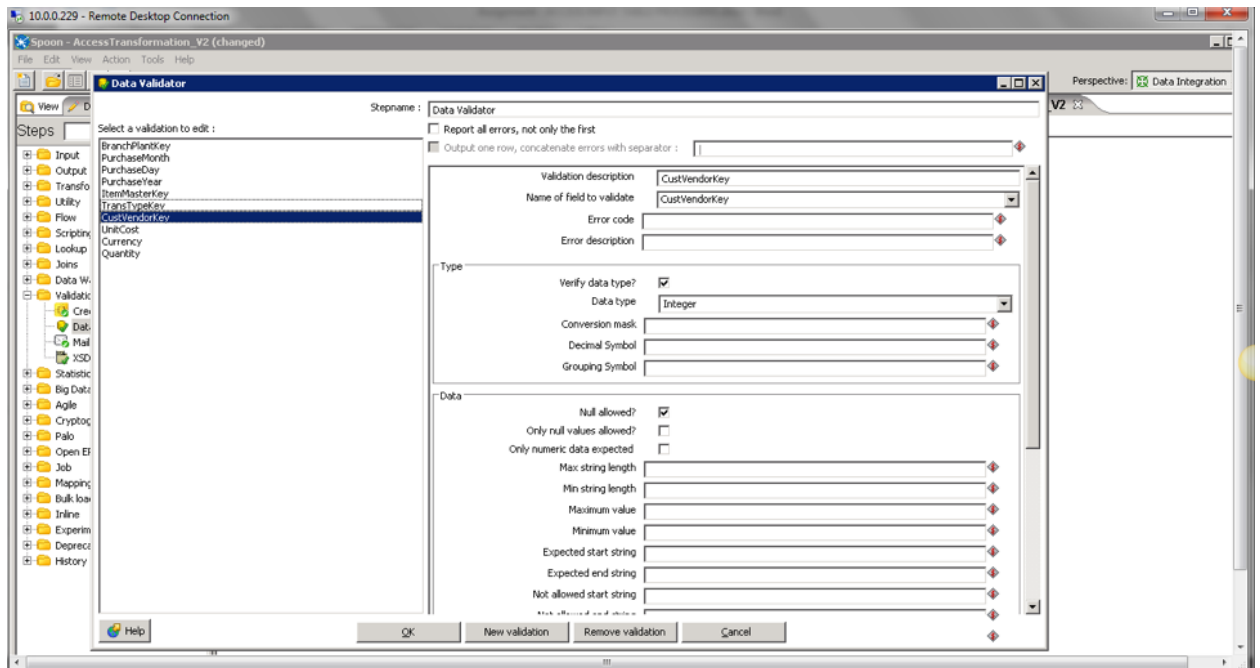


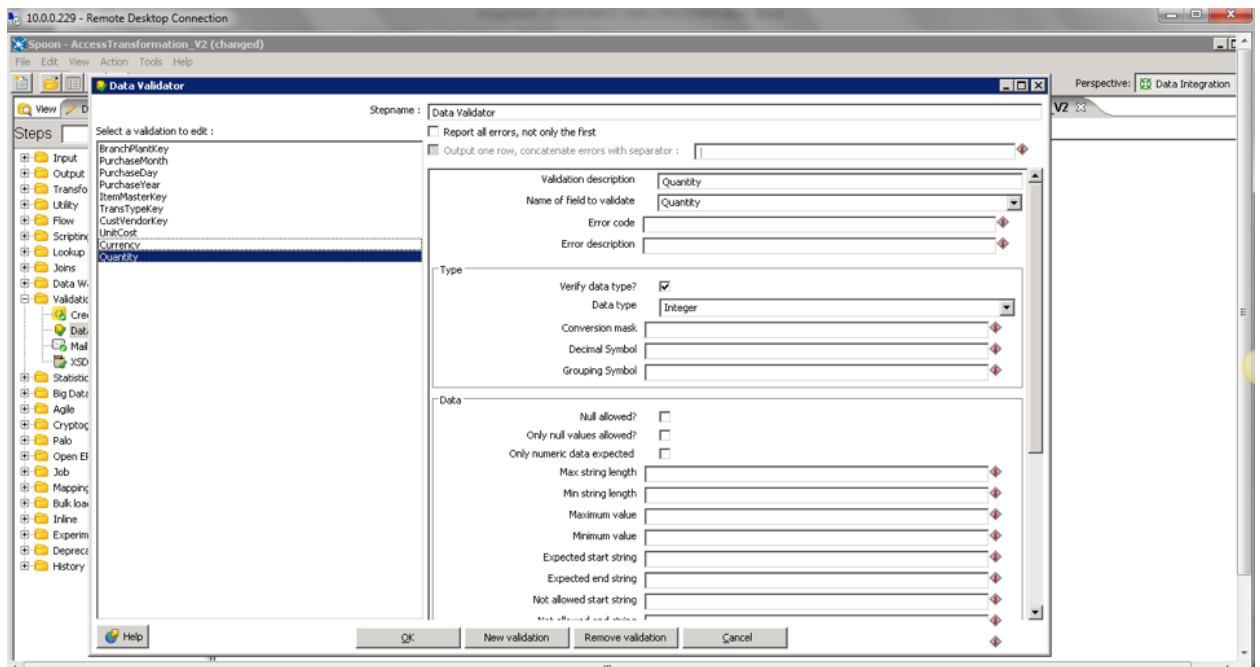
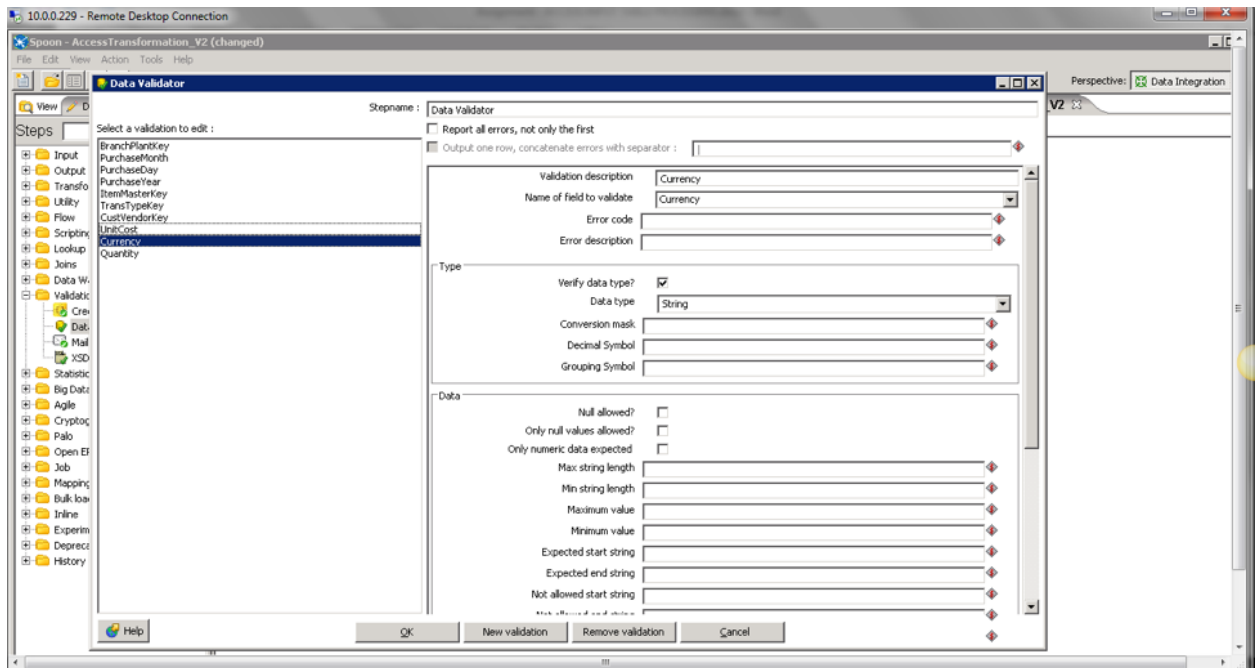
3. Reject a record if any field value does not match its data type



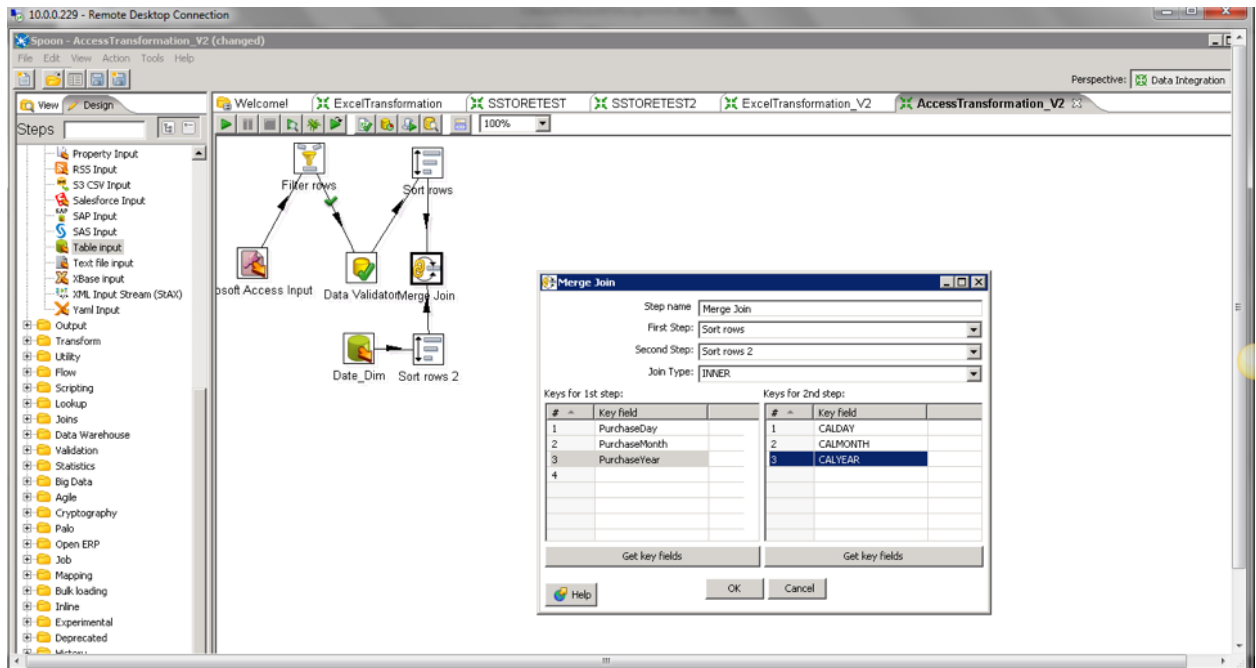




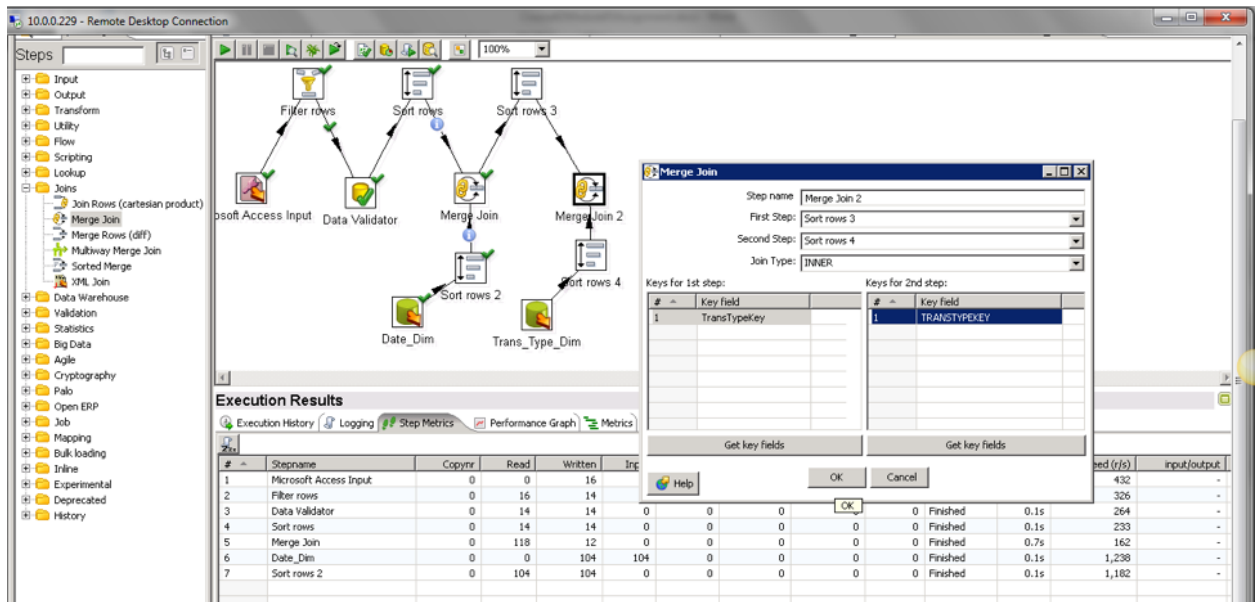




4. Reject invalid foreign key references : Join Date_Dim



5. Reject invalid foreign key references : Join Trans_Type_Dim



6. Reject invalid foreign key references : Join Cust_Vendor_Dim

The screenshot shows the SAP Data Integration Studio interface. The main workspace displays a data flow diagram with steps: Microsoft Access Input, Filter rows, Data Validator, Merge Join, Sort rows 2, Sort rows 3, Sort rows 4, Sort rows 5, Sort rows 6, and Item. The 'Merge Join' configuration window is open, showing the following details:

- Step name: Merge Join 3
- First Step: Sort rows 5
- Second Step: Sort rows 6
- Join Type: INNER

The 'Keys for 1st step' and 'Keys for 2nd step' tables are as follows:

| # | Key field |
|---|---------------|
| 1 | CustVendorKey |

| # | Key field |
|---|---------------|
| 1 | CUSTVENDORKEY |

The 'Execution Results' table at the bottom shows the following data:

| # | Stepname | Copynr | Read | Written | Input | Output | Updated | Rejected | Errors | Active | Time | Speed (r/s) | input/output |
|---|------------------------|--------|------|---------|-------|--------|---------|----------|--------|----------|------|-------------|--------------|
| 1 | Microsoft Access Input | 0 | 0 | 16 | 16 | 0 | 0 | 0 | 0 | Finished | 0.0s | 432 | - |
| 2 | Filter rows | 0 | 16 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.0s | 326 | - |
| 3 | Data Validator | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.1s | 264 | - |
| 4 | Sort rows | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.1s | 233 | - |
| 5 | Merge Join | 0 | 118 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 162 | - |
| 6 | Date_Dim | 0 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | Finished | 0.1s | 1,238 | - |
| 7 | Sort rows 2 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 0 | Finished | 0.1s | 1,182 | - |

7. Reject invalid foreign key references : Join Item_Master_Dim

The screenshot shows the SAP Data Integration Studio interface. The main workspace displays a data flow diagram with steps: Microsoft Access Input, Filter rows, Data Validator, Merge Join, Sort rows 2, Sort rows 7, Sort rows 8, and Item_Master_Dim. The 'Merge Join' configuration window is open, showing the following details:

- Step name: Merge Join 4
- First Step: Sort rows 7
- Second Step: Sort rows 8
- Join Type: INNER

The 'Keys for 1st step' and 'Keys for 2nd step' tables are as follows:

| # | Key field |
|---|---------------|
| 1 | ItemMasterKey |

| # | Key field |
|---|---------------|
| 1 | ITEMMASTERKEY |

The 'Execution Results' table at the bottom shows the following data:

| # | Stepname | Copynr | Read | Written | Input | Output | Updated | Rejected | Errors | Active | Time | Speed (r/s) | input/output |
|---|------------------------|--------|------|---------|-------|--------|---------|----------|--------|----------|------|-------------|--------------|
| 1 | Microsoft Access Input | 0 | 0 | 16 | 16 | 0 | 0 | 0 | 0 | Finished | 0.0s | 432 | - |
| 2 | Filter rows | 0 | 16 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.0s | 326 | - |
| 3 | Data Validator | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.1s | 264 | - |
| 4 | Sort rows | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.1s | 233 | - |
| 5 | Merge Join | 0 | 118 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 162 | - |
| 6 | Date_Dim | 0 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | Finished | 0.1s | 1,238 | - |
| 7 | Sort rows 2 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 0 | Finished | 0.1s | 1,182 | - |

8. Reject invalid foreign key references : Join Branch_Plant_Dim

The screenshot shows the SAP Data Integration Studio interface. The central pane displays the configuration for 'Merge Join 5'. The 'First Step' is 'Sort rows 9' and the 'Second Step' is 'Sort rows 10'. The 'Join Type' is set to 'INNER'. The 'Keys for 1st step' table shows 'BranchPlantKey' as the key field. The 'Keys for 2nd step' table shows 'BRANCH-PLANTKEY' as the key field. The 'Execution Results' table at the bottom shows the following data:

| # | Stepname | Copied | Read | Written | Input | Output | Updated | Rejected | Errors | Active | Time | Speed (r/s) | Input/output |
|---|------------------------|--------|------|---------|-------|--------|---------|----------|--------|--------|------|-------------|--------------|
| 1 | Microsoft Access Input | 0 | 0 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0.0s | 432 | - |
| 2 | Filter rows | 0 | 16 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0s | 326 | - |
| 3 | Data Validator | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1s | 264 | - |
| 4 | Sort rows | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1s | 233 | - |
| 5 | Merge Join | 0 | 118 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0.7s | 162 | - |
| 6 | Date_Dim | 0 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 0 | 0.1s | 1,238 | - |
| 7 | Sort rows 2 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1s | 1,182 | - |

9. Reject invalid foreign key references : Join Currency_Dim

The screenshot shows the SAP Data Integration Studio interface. The central pane displays the configuration for 'Merge Join 6'. The 'First Step' is 'Sort rows 11' and the 'Second Step' is 'Sort rows 12'. The 'Join Type' is set to 'INNER'. The 'Keys for 1st step' table shows 'Currency' as the key field. The 'Keys for 2nd step' table shows 'CURRENCY_ID' as the key field. The 'Execution Results' table at the bottom shows the following data:

| # | Stepname | Copied | Read | Written | Input | Output | Updated | Rejected | Errors | Active | Time | Speed (r/s) | Input/output |
|---|------------------------|--------|------|---------|-------|--------|---------|----------|--------|--------|------|-------------|--------------|
| 1 | Microsoft Access Input | 0 | 0 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0.0s | 432 | - |
| 2 | Filter rows | 0 | 16 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0s | 326 | - |
| 3 | Data Validator | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1s | 264 | - |
| 4 | Sort rows | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1s | 233 | - |
| 5 | Merge Join | 0 | 118 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0.7s | 162 | - |
| 6 | Date_Dim | 0 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 0 | 0.1s | 1,238 | - |
| 7 | Sort rows 2 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1s | 1,182 | - |

10. Calculator Transformation for Unit Cost and ExtCost:

10.0.0.229 - Remote Desktop Connection

AccessTransformation_V2 (changed)

View Design

PS

Input

Output

Automatic Documentation (C)

Delete

Insert / Update

Join output

Filter rows

Sort rows

Sort rows 3

Sort rows 5

Sort rows 7

Sort rows 9

Sort rows 11

Calculator

Calculator

Step name: Calculator

| # | New field | Calculation | Field A | Field B | Field C | Value type | Length | Precision | Remove | Conversion mask | Decimal symbol | Grouping symbol | Curre |
|----|------------|-------------|------------|---------------|---------|------------|--------|-----------|--------|-----------------|----------------|-----------------|-------|
| 20 | O_UnitCost | A * B | UnitCost | EXCHANGE_RATE | | Number | 12 | 4 | N | | | | |
| 21 | O_ExtCost | A * B | O_UnitCost | Quantity | | Number | 14 | 2 | N | | | | |

OK Cancel

Execution History

Logging

Step Metrics

Performance Graph

Metrics

Preview data

| # | Stepname | Copyn | Read | Written | Input | Output | Updated | Rejected | Errors | Active | Time | Speed (r/s) | input/output |
|----|-------------------|-------|------|---------|-------|--------|---------|----------|--------|--------|------|-------------|--------------|
| 20 | Sort rows 9 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1.6s | 7 | - |
| 21 | Merge Join 5 | 0 | 31 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1.9s | 16 | - |
| 22 | Branch_Planet_Dim | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0.2s | 120 | - |
| 23 | Sort rows 10 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2s | 119 | - |
| 24 | Sort rows 11 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1.9s | 6 | - |
| 25 | Merge Join 6 | 0 | 15 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 2.2s | 7 | - |
| 26 | Currency Dim | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0.1s | 28 | - |

11. Add Sequence

10.0.0.229 - Remote Desktop Connection

AccessTransformation_V2 (changed)

View Design

PS

Input

Output

Automatic Documentation (C)

Delete

Insert / Update

Json output

LDAP Output

Microsoft Access Output

Microsoft Excel Output

Microsoft Excel Writer

Pentaho Reporting Output

Properties Output

RSS Output

S3 File Output

Salesforce Delete

Salesforce Insert

Salesforce Update

Salesforce Upsert

Serialize to file

SQL File Output

Synchronize after merge

Table output

Text file output

Update

XML Output

Filter rows

Sort rows

Sort rows 3

Sort rows 5

Sort rows 7

Sort rows 9

Sort rows 11

Sort rows 12

Calculator

Merge Join 6

Add sequence

Insert / Update

Get Value From Sequence

Step name: Add sequence

Name of value: AccessSEQ

Use a database to generate the sequence: ☒

Use DB to get sequence? ☒

Connection: AccessConnection

Schema name:

Sequence name: INVENTORY_SEQ

Use a transformation counter to generate the sequence: ☐

Use counter to calculate sequence? ☐

Counter name (optional):

Start at value: 1

Increment by: 1

Maximum value: 999999999

OK Cancel

Execution Results

Execution History

Logging

| # | Stepname | Copyn | Read | Written | Input | Output | Updated | Rejected | Errors | Active | Time | Speed (r/s) | input/output |
|----|-------------------|-------|------|---------|-------|--------|---------|----------|--------|--------|------|-------------|--------------|
| 20 | Sort rows 9 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1.6s | 7 | - |
| 21 | Merge Join 5 | 0 | 31 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1.9s | 16 | - |
| 22 | Branch_Planet_Dim | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0.2s | 120 | - |
| 23 | Sort rows 10 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2s | 119 | - |
| 24 | Sort rows 11 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1.9s | 6 | - |
| 25 | Merge Join 6 | 0 | 15 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 2.2s | 7 | - |
| 26 | Currency Dim | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0.1s | 28 | - |

12. Insert/Update INVENTORY_FACT table:

Insert / Update

Step name: Insert / Update

Connection: AccessConnection

Target schema: INVENTORY_FACT

Target table: INVENTORY_FACT

Commit size: 100

Don't perform any updates: ☐

The key(s) to look up the value(s):

| # | Table field | Comparator | Stream field1 | Stream field2 |
|---|----------------|------------|------------------|---------------|
| 1 | INVENTORYKEY | = | AccessSEQ | |
| 2 | BRANCHPLANTKEY | = | BRANCHPLANTKEY_1 | |
| 3 | DATEKEY | = | DATEKEY | |
| 4 | ITEMMASTERKEY | = | ITEMMASTERKEY_1 | |
| 5 | TRANSTYPEKEY | = | TRANSTYPEKEY_1 | |
| 6 | CUSTVENDORKEY | = | CUSTVENDORKEY_1 | |
| 7 | UNITCOST | = | O_UnitCost | |
| 8 | QUANTITY | = | Quantity | |
| 9 | EXTCOST | = | O_ExtCost | |

Update fields:

| # | Table field | Stream field | Update |
|---|----------------|------------------|--------|
| 1 | INVENTORYKEY | AccessSEQ | N |
| 2 | BRANCHPLANTKEY | BRANCHPLANTKEY_1 | N |
| 3 | DATEKEY | DATEKEY | N |
| 4 | ITEMMASTERKEY | ITEMMASTERKEY_1 | N |
| 5 | TRANSTYPEKEY | TRANSTYPEKEY_1 | N |
| 6 | CUSTVENDORKEY | CUSTVENDORKEY_1 | N |
| 7 | UNITCOST | O_UnitCost | N |
| 8 | QUANTITY | Quantity | N |
| 9 | EXTCOST | O_ExtCost | N |

Execution Results

| # | PurchaseDay |
|---|-------------|
| 1 | 04 |
| 2 | 14 |
| 3 | 07 |
| 4 | 14 |
| 5 | 17 |
| 6 | 28 |
| 7 | 10 |

Key

| Key | TransTypeKey | PurchaseMonth |
|-----|--------------|---------------|
| 18 | 4 | 04 |
| 12 | 2 | 03 |
| 8 | 4 | 02 |
| 14 | 4 | 02 |
| 10 | 4 | 01 |
| 2 | 2 | 03 |
| 4 | 2 | 01 |

Complete Transformation:

Complete Transformation

Workflow steps:

- Filter rows
- Data Validator
- Merge Join
- Sort rows 2
- Trans_Type_Dim
- Merge Join 2
- Sort rows 4
- Cust_Vendor_Dim
- Merge Join 3
- Sort rows 6
- Item_Master_Dim
- Merge Join 4
- Sort rows 8
- Branch_Plant_Dim
- Merge Join 5
- Sort rows 10
- Currency_Dim
- Merge Join 6
- Sort rows 12
- Calculator
- Add sequence
- Insert / Update

Execution Results

| # | PurchaseDay | PurchaseYear | UnitCost | Quantity | Currency | BranchPlantKey | ItemMasterKey | CustVendorKey | TransTypeKey | PurchaseMonth |
|---|-------------|--------------|----------|----------|----------|----------------|---------------|---------------|--------------|---------------|
| 1 | 03 | 2011 | 24.30 | 60 | USD | 12 | 1 | 12 | 2 | 01 |
| 2 | 10 | 2011 | 45.20 | 10 | USD | 2 | 2 | 4 | 2 | 01 |
| 3 | 17 | 2011 | 26.69 | 55 | JPY | 14 | 2 | 10 | 4 | 01 |
| 4 | 31 | 2011 | 14.45 | 80 | USD | 16 | 4 | 6 | 2 | 01 |
| 5 | 07 | 2011 | 14.12 | 75 | GBP | 2 | 4 | 8 | 4 | 02 |
| 6 | 21 | 2011 | 25.36 | 65 | USD | 8 | 6 | 10 | 4 | 02 |
| 7 | 14 | 2011 | 15.70 | 30 | GBP | 6 | 6 | 14 | 4 | 02 |

Execution: Step Output Stats:

The image displays two screenshots of the SSIS Execution Results window, showing the execution of a data integration package. The window is titled "10.0.0.229 - Remote Desktop Connection" and shows the "Execution Results" tab. The left pane lists the steps of the package, and the right pane shows the execution results for each step.

Execution Results Table 1 (Top Screenshot):

| # | Stepname | Copyptr | Read | Written | Input | Output | Updated | Rejected | Errors | Active | Time | Speed (r/s) | Input/output |
|----|------------------------|---------|------|---------|-------|--------|---------|----------|--------|----------|------|-------------|--------------|
| 1 | Microsoft Access Input | 0 | 0 | 16 | 16 | 0 | 0 | 0 | 0 | Finished | 0.3s | 63 | - |
| 2 | Filter rows | 0 | 16 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.3s | 56 | - |
| 3 | Data Validator | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.3s | 48 | - |
| 4 | Sort rows | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.3s | 47 | - |
| 5 | Merge Join | 0 | 118 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 178 | - |
| 6 | Date_Dim | 0 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | Finished | 0.4s | 295 | - |
| 7 | Sort rows 2 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 0 | Finished | 0.4s | 292 | - |
| 8 | Sort rows 3 | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 18 | - |
| 9 | Merge Join 2 | 0 | 17 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 1.0s | 16 | - |
| 10 | Trans_Type_Dim | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | Finished | 0.3s | 17 | - |
| 11 | Sort rows 4 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | Finished | 0.3s | 17 | - |
| 12 | Sort rows 5 | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 1.0s | 11 | - |
| 13 | Merge Join 3 | 0 | 32 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 1.4s | 23 | - |
| 14 | Cust_Vendor_Dim | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | Finished | 0.7s | 28 | - |
| 15 | Sort rows 6 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 28 | - |
| 16 | Table output | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 1.4s | 8 | - |
| 17 | Merge Join 4 | 0 | 31 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 1.7s | 18 | - |
| 18 | Item_Master_Dim | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | Finished | 0.7s | 29 | - |
| 19 | Sort rows 8 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 29 | - |
| 20 | Sort rows 9 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 1.7s | 6 | - |
| 21 | Merge Join 5 | 0 | 31 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.0s | 15 | - |
| 22 | Branch_Plant_Dim | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | Finished | 0.7s | 30 | - |
| 23 | Sort rows 10 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 30 | - |
| 24 | Sort rows 11 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.0s | 5 | - |
| 25 | Merge Join 6 | 0 | 15 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.4s | 6 | - |
| 26 | Currency_Dim | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | Finished | 0.6s | 6 | - |
| 27 | Sort rows 12 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | Finished | 0.6s | 6 | - |
| 28 | Calculator | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.4s | 4 | - |

Execution Results Table 2 (Bottom Screenshot):

| # | Stepname | Copyptr | Read | Written | Input | Output | Updated | Rejected | Errors | Active | Time | Speed (r/s) | Input/output |
|----|------------------|---------|------|---------|-------|--------|---------|----------|--------|----------|------|-------------|--------------|
| 4 | Sort rows | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | Finished | 0.3s | 47 | - |
| 5 | Merge Join | 0 | 118 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 178 | - |
| 6 | Date_Dim | 0 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | Finished | 0.4s | 295 | - |
| 7 | Sort rows 2 | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 0 | Finished | 0.4s | 292 | - |
| 8 | Sort rows 3 | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 18 | - |
| 9 | Merge Join 2 | 0 | 17 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 1.0s | 16 | - |
| 10 | Trans_Type_Dim | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | Finished | 0.3s | 17 | - |
| 11 | Sort rows 4 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | Finished | 0.3s | 17 | - |
| 12 | Sort rows 5 | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | Finished | 1.0s | 11 | - |
| 13 | Merge Join 3 | 0 | 32 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 1.4s | 23 | - |
| 14 | Cust_Vendor_Dim | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | Finished | 0.7s | 28 | - |
| 15 | Sort rows 6 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 28 | - |
| 16 | Table output | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 1.4s | 8 | - |
| 17 | Merge Join 4 | 0 | 31 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 1.7s | 18 | - |
| 18 | Item_Master_Dim | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | Finished | 0.7s | 29 | - |
| 19 | Sort rows 8 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 29 | - |
| 20 | Sort rows 9 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 1.7s | 6 | - |
| 21 | Merge Join 5 | 0 | 31 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.0s | 15 | - |
| 22 | Branch_Plant_Dim | 0 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | Finished | 0.7s | 30 | - |
| 23 | Sort rows 10 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | Finished | 0.7s | 30 | - |
| 24 | Sort rows 11 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.0s | 5 | - |
| 25 | Merge Join 6 | 0 | 15 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.4s | 6 | - |
| 26 | Currency_Dim | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | Finished | 0.6s | 6 | - |
| 27 | Sort rows 12 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | Finished | 0.6s | 6 | - |
| 28 | Calculator | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.4s | 4 | - |
| 29 | Add sequence | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | Finished | 2.4s | 4 | - |
| 30 | Insert / Update | 0 | 11 | 11 | 11 | 11 | 0 | 0 | 0 | Finished | 2.5s | 4 | - |