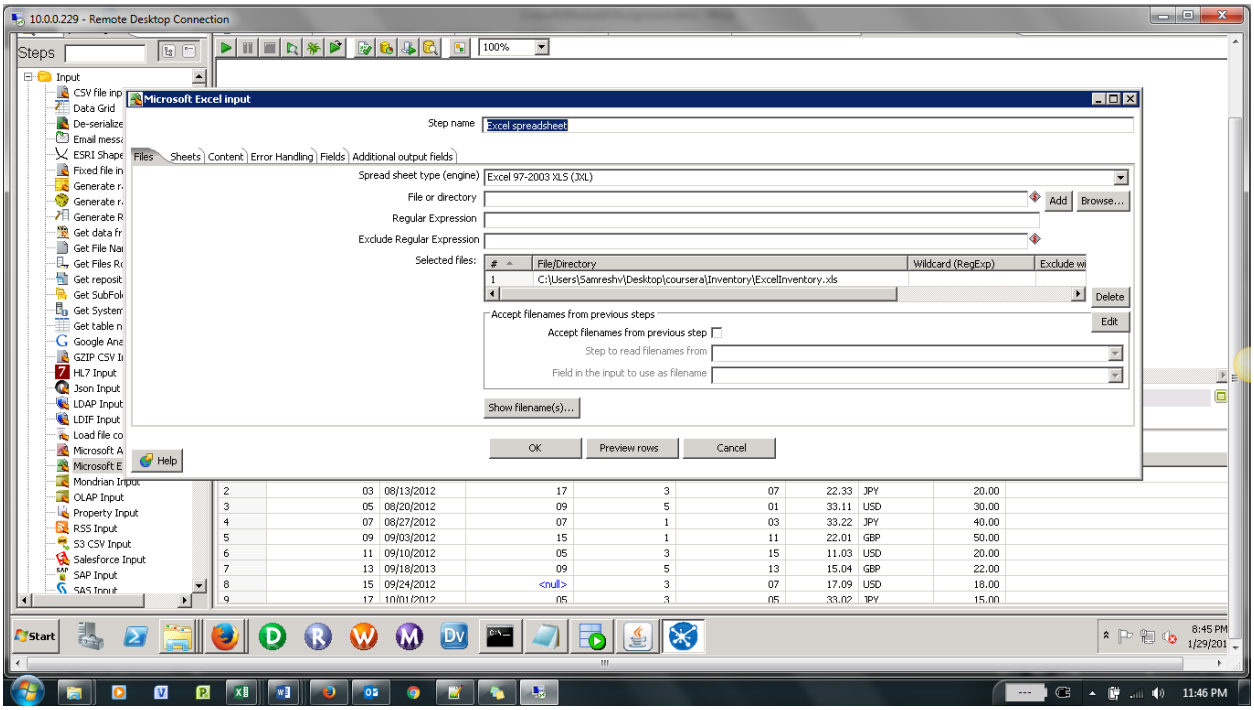
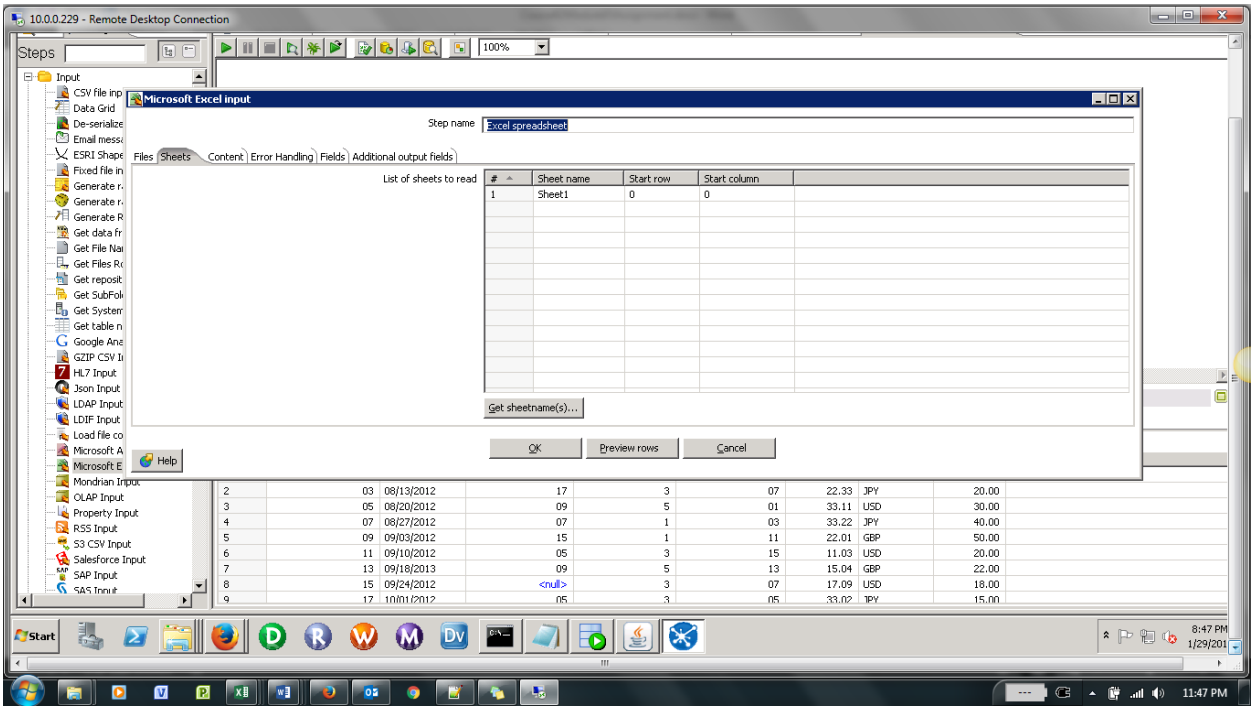
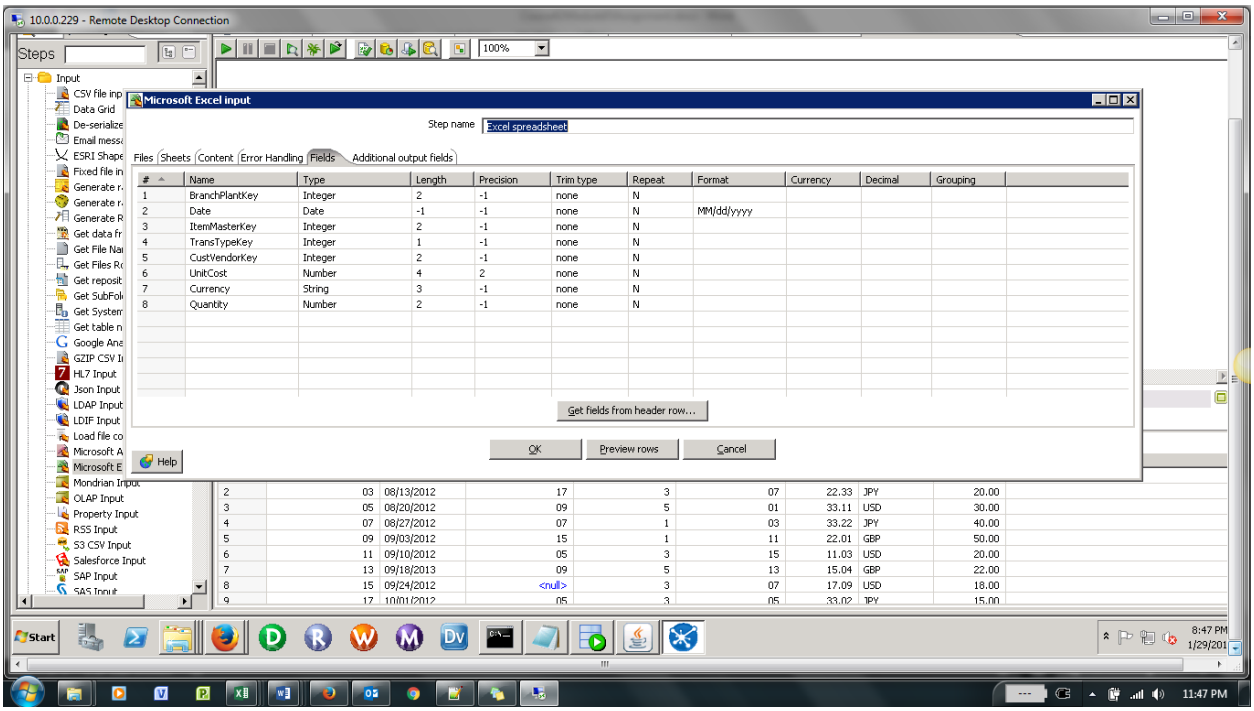
EXCEL INPUT SPREADSHEET PROCESSING:

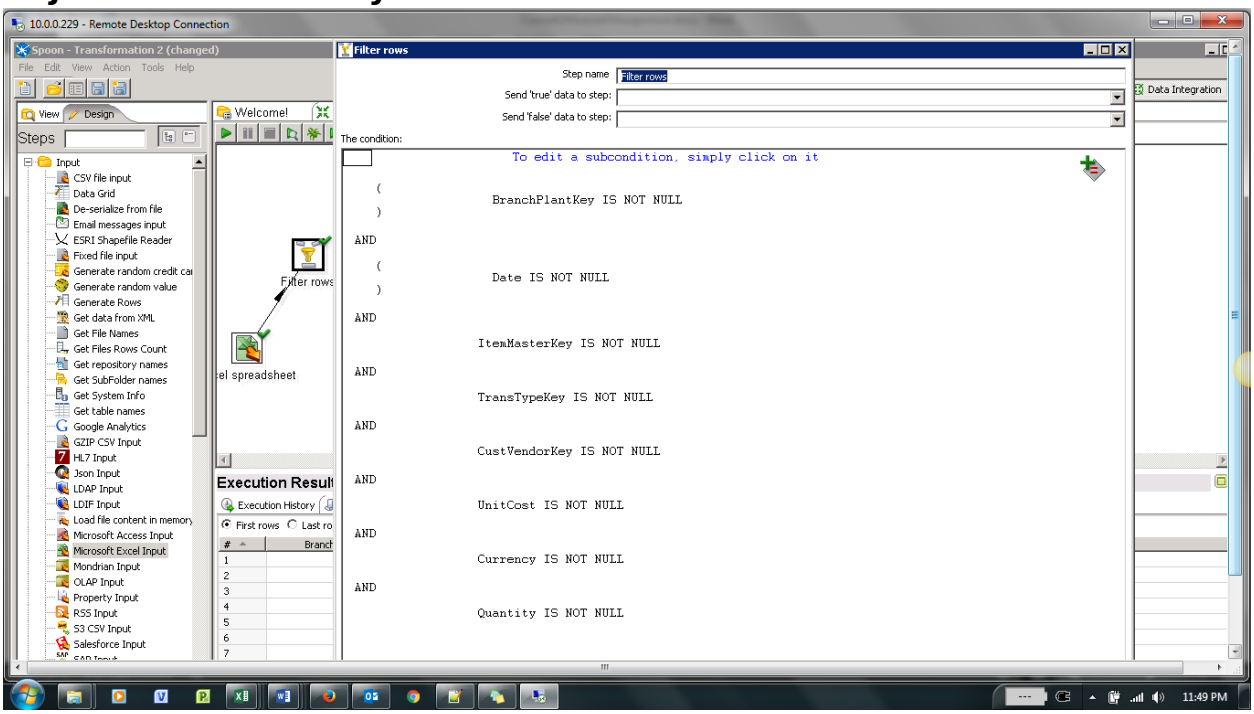
1. **Microsoft Excel Input**:



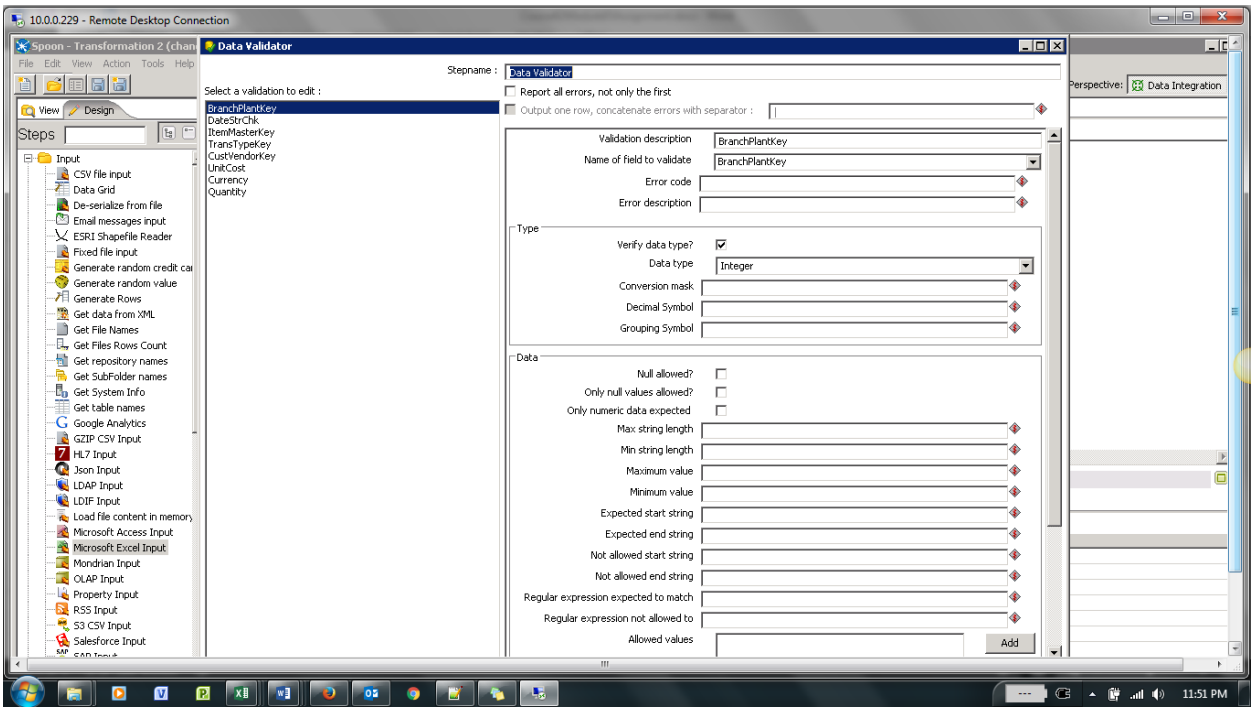


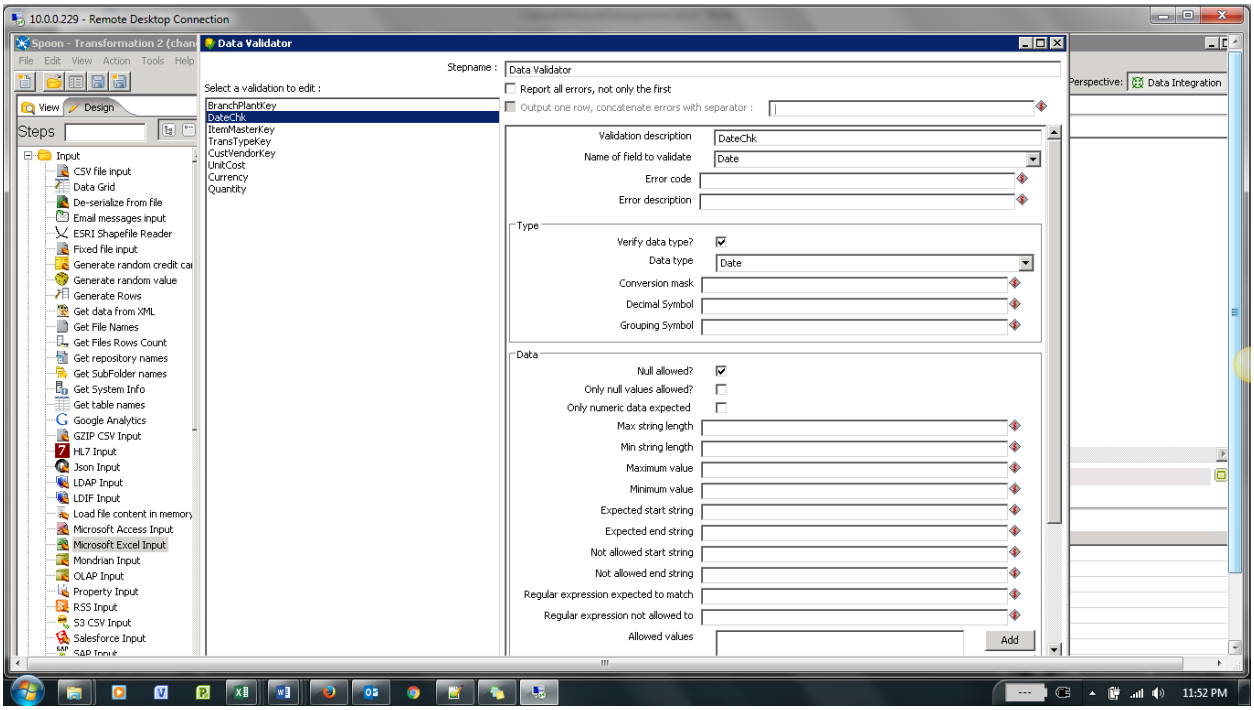


2. Reject a record if any field is null



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


10.0.0.229 - Remote Desktop Connection
Spoon - Transformation 2 (chan
Data Validator
Stepname : Data Validator
Select a validation to edit :
BranchPlantKey
DateStrChk
ItemMasterKey
TransTypeKey
CustVendorKey
UnitCost
Currency
Quantity
Report all errors, not only the first
Output one row, concatenate errors with separator :
Validation description BranchPlantKey
Name of field to validate BranchPlantKey
Error code
Error description
Type
Verify data type?
Data type Integer
Conversion mask
Decimal Symbol
Grouping Symbol
Data
Null allowed?
Only null values allowed?
Only numeric data expected
Max string length
Min string length
Maximum value
Minimum value
Expected start string
Expected end string
Not allowed start string
Not allowed end string
Regular expression expected to match
Regular expression not allowed to
Allowed values
Add
Steps
Input
CSV file input
Data Grid
De-serialize from file
Email messages input
ESRI Shapefile Reader
Fixed file input
Generate random value
Generate Rows
Get data from XML
Get File Names
Get Files Rows Count
Get repository names
Get SubFolder names
Get System Info
Get table names
Google Analytics
GZIP CSV Input
HL7 Input
Json Input
LDAP Input
LDIF Input
Load file content in memory
Microsoft Access Input
Microsoft Excel Input
Mondrian Input
OLAP Input
Property Input
RSS Input
S3 CSV Input
Salesforce Input
Perspective: Data Integration
11:51 PM


10.0.0.229 - Remote Desktop Connection
Spoon - Transformation 2 (chan
Data Validator
Stepname : Data Validator
Select a validation to edit :
BranchPlantKey
DateChk
ItemMasterKey
TransTypeKey
CustVendorKey
UnitCost
Currency
Quantity
Report all errors, not only the first
Output one row, concatenate errors with separator :
Validation description DateChk
Name of field to validate Date
Error code
Error description
Type
Verify data type?
Data type Date
Conversion mask
Decimal Symbol
Grouping Symbol
Data
Null allowed?
Only null values allowed?
Only numeric data expected
Max string length
Min string length
Maximum value
Minimum value
Expected start string
Expected end string
Not allowed start string
Not allowed end string
Regular expression expected to match
Regular expression not allowed to
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Add
Steps
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CSV file input
Data Grid
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Get System Info
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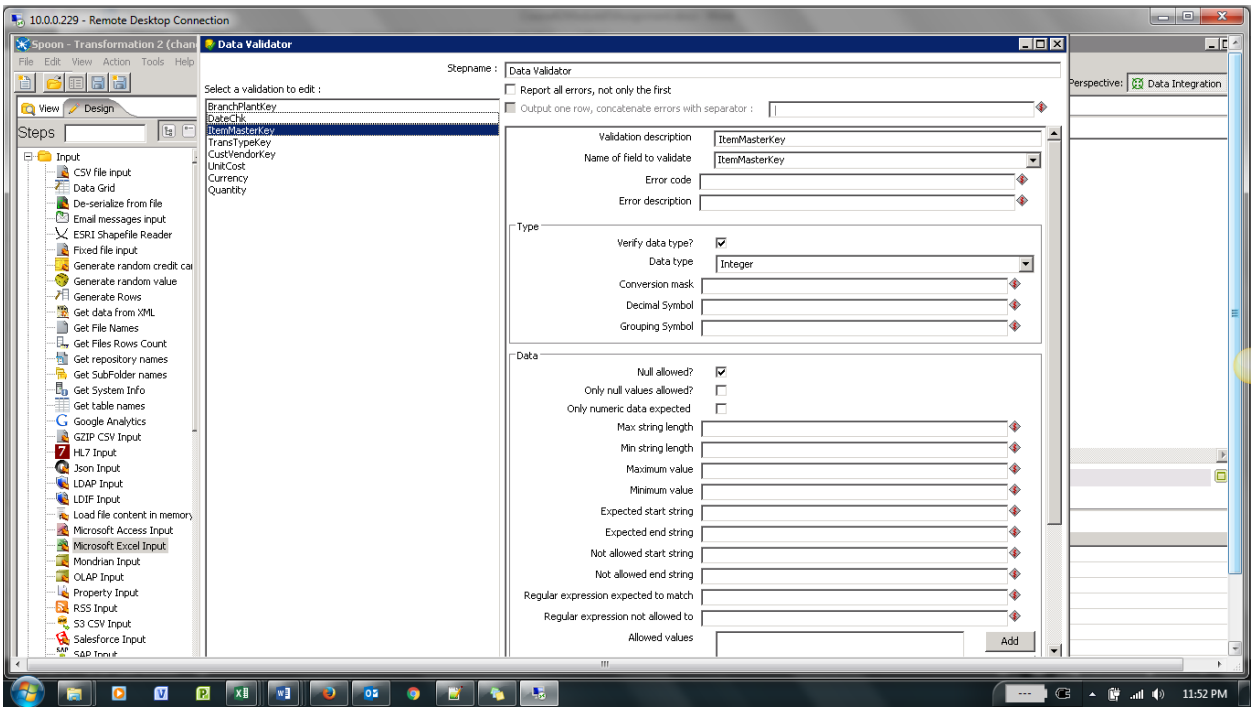
Load file content in memory
Microsoft Access Input
Microsoft Excel Input
Mondrian Input
OLAP Input
Property Input
RSS Input
S3 CSV Input
Salesforce Input
Perspective: Data Integration
11:52 PM


10.0.0.229 - Remote Desktop Connection
Spoon - Transformation 2 (chan
Data Validator
Stepname :
Data Validator
Report all errors, not only the first
Output one row, concatenate errors with separator :
Select a validation to edit :
BranchPlantKey
DateChk
ItemMasterKey
TransTypeKey
CustVendorKey
UnitCost
Currency
Quantity
Validation description
ItemMasterKey
Name of field to validate
ItemMasterKey
Error code
Error description
Type
Verify data type?
Data type
Integer
Conversion mask
Decimal Symbol
Grouping Symbol
Data
Null allowed?
Only null values allowed?
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Salesforce Input
Perspective:
Data Integration
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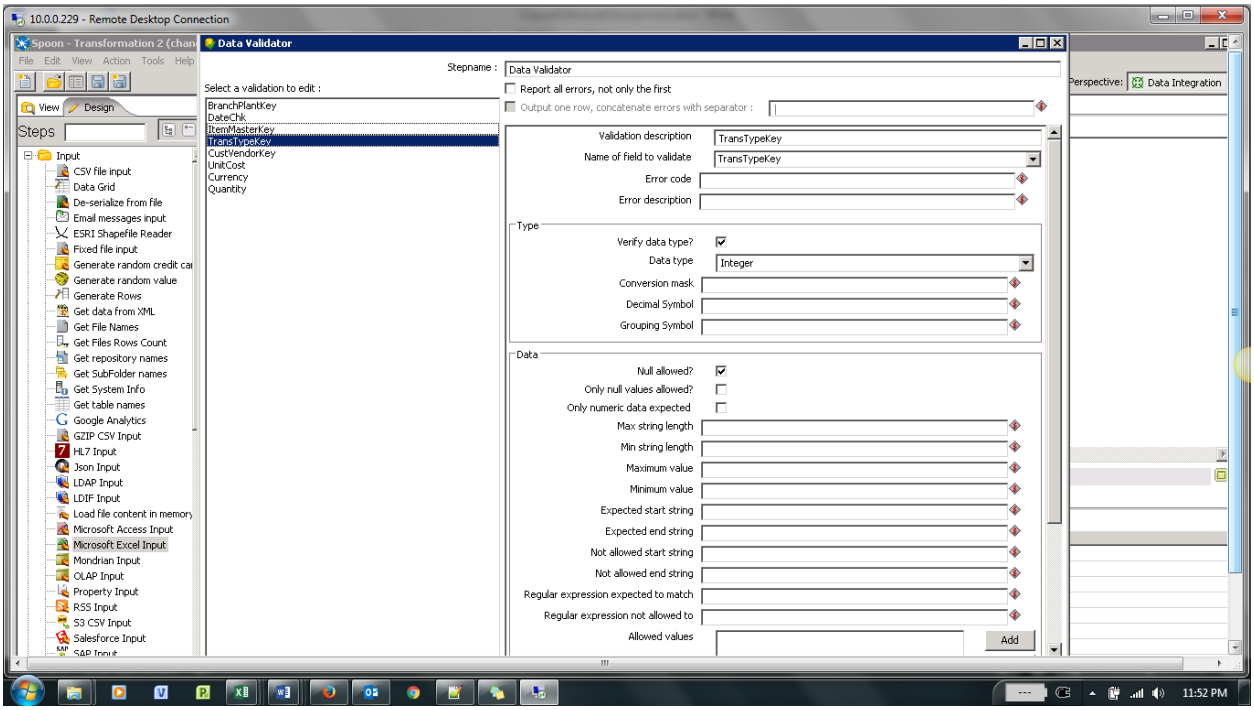
10.0.0.229 - Remote Desktop Connection
Spoon - Transformation 2 (chan
Data Validator
Stepname :
Data Validator
Report all errors, not only the first
Output one row, concatenate errors with separator :
Select a validation to edit :
BranchPlantKey
DateChk
ItemMasterKey
TransTypeKey
CustVendorKey
UnitCost
Currency
Quantity
Validation description
TransTypeKey
Name of field to validate
TransTypeKey
Error code
Error description
Type
Verify data type?
Data type
Integer
Conversion mask
Decimal Symbol
Grouping Symbol
Data
Null allowed?
Only null values allowed?
Only numeric data expected
Max string length
Min string length
Maximum value
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Regular expression expected to match
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Microsoft Access Input
Microsoft Excel Input
Mondrian Input
OLAP Input
Property Input
RSS Input
S3 CSV Input
Salesforce Input
Perspective:
Data Integration
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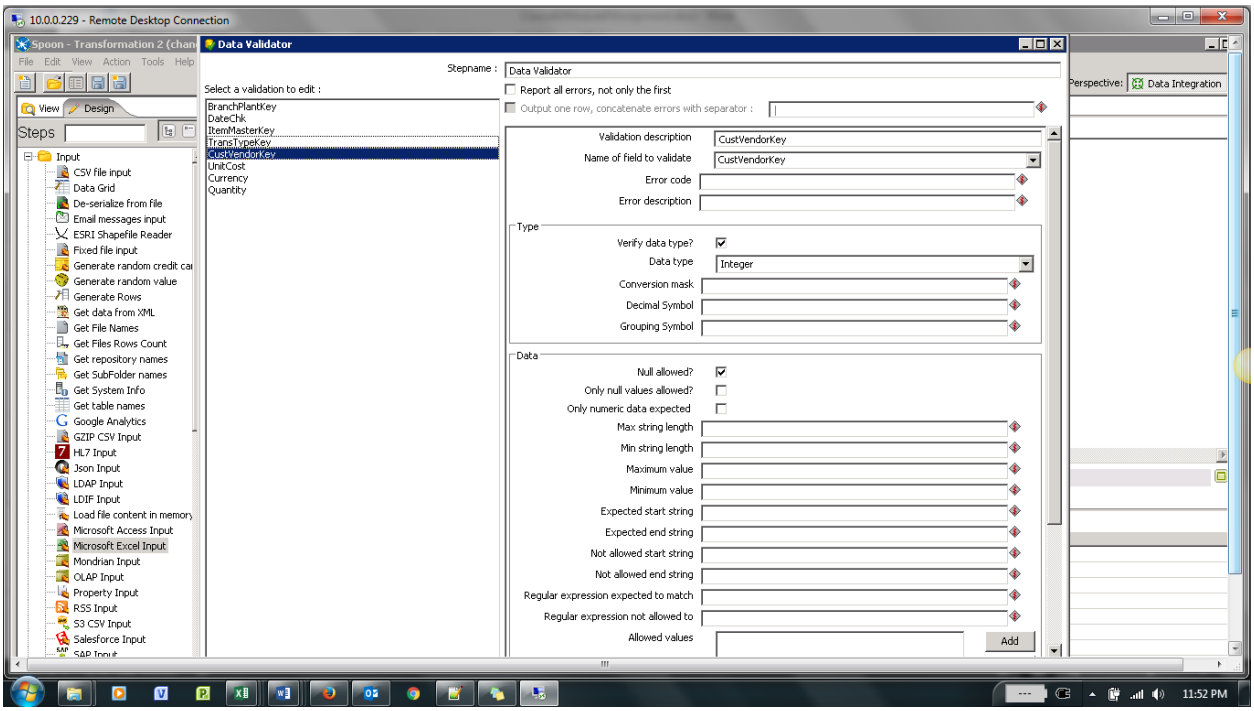
10.0.0.229 - Remote Desktop Connection
Spoon - Transformation 2 (chan
Data Validator
Stepname :
Data Validator
Report all errors, not only the first
Output one row, concatenate errors with separator :
Select a validation to edit :
BranchPlantKey
DateChk
ItemMasterKey
TransTypeKey
CustVendorKey
UnitCost
Currency
Quantity
Validation description
CustVendorKey
Name of field to validate
CustVendorKey
Error code
Error description
Type
Verify data type?
Data type
Integer
Conversion mask
Decimal Symbol
Grouping Symbol
Data
Null allowed?
Only null values allowed?
Only numeric data expected
Max string length
Min string length
Maximum value
Minimum value
Expected start string
Expected end string
Not allowed start string
Not allowed end string
Regular expression expected to match
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Email messages input
ESRI Shapefile Reader
Fixed file input
Generate random credit ca
Generate random value
Generate Rows
Get data from XML
Get File Names
Get Files Rows Count
Get repository names
Get SubFolder names
Get System Info
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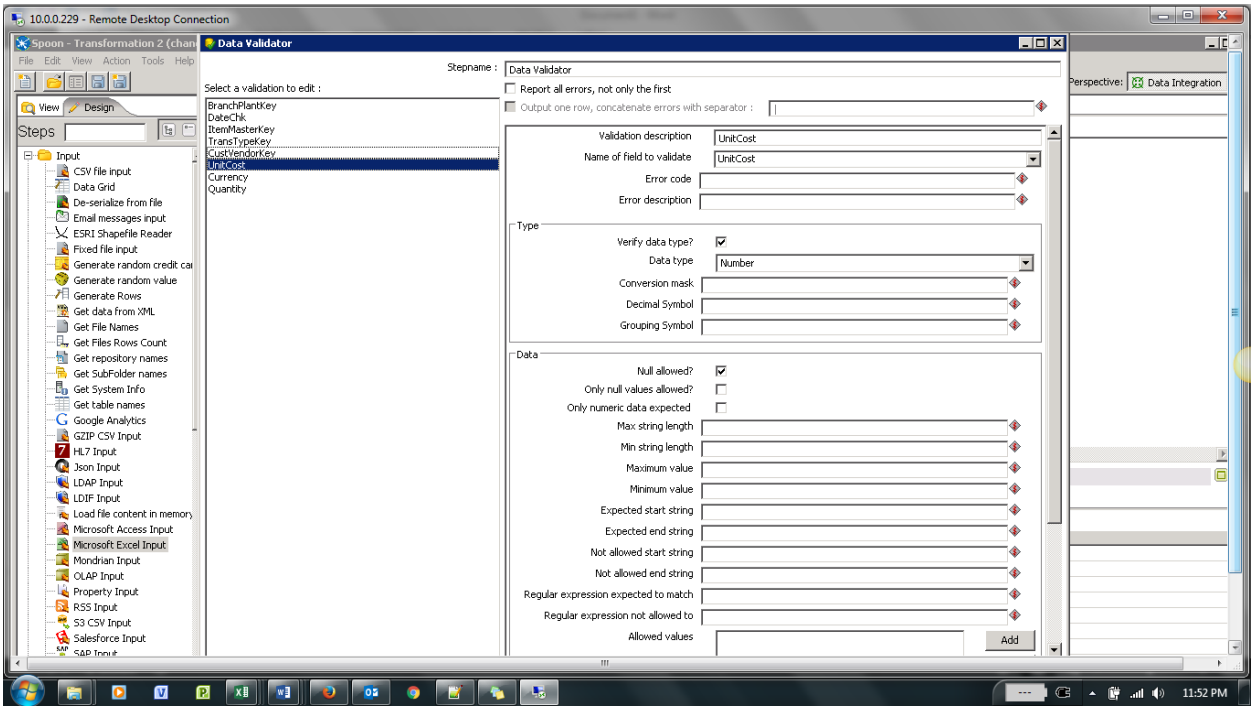
LDAP Input
LDIF Input
Load file content in memory
Microsoft Access Input
Microsoft Excel Input
Mondrian Input
OLAP Input
Property Input
RSS Input
S3 CSV Input
Salesforce Input
Perspective:
Data Integration
11:52 PM


10.0.0.229 - Remote Desktop Connection
Spoon - Transformation 2 (chan
Data Validator
Stepname :
Data Validator
Report all errors, not only the first
Output one row, concatenate errors with separator :
Select a validation to edit :
BranchPlantKey
DateChk
ItemMasterKey
TransTypeKey
CustVendorKey
UnitCost
Currency
Quantity
Validation description
UnitCost
Name of field to validate
UnitCost
Error code
Error description
Type
Verify data type?
Data type
Number
Conversion mask
Decimal Symbol
Grouping Symbol
Data
Null allowed?
Only null values allowed?
Only numeric data expected
Max string length
Min string length
Maximum value
Minimum value
Expected start string
Expected end string
Not allowed start string
Not allowed end string
Regular expression expected to match
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Perspective:
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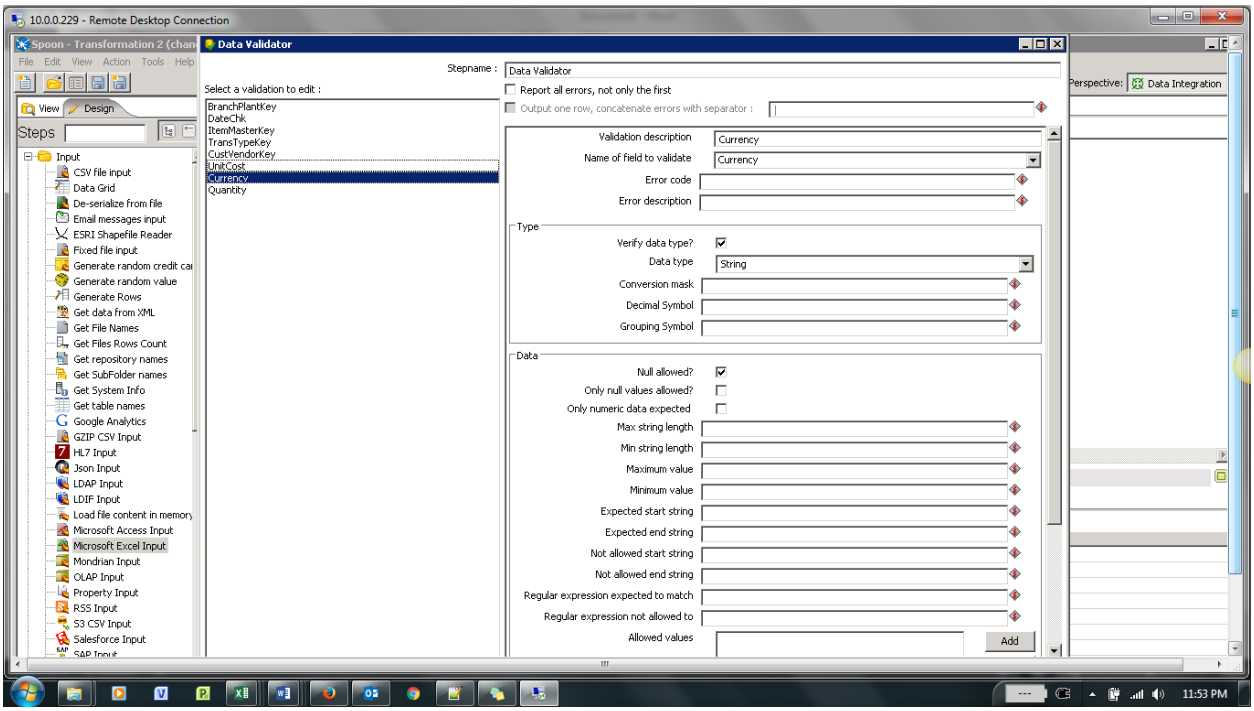
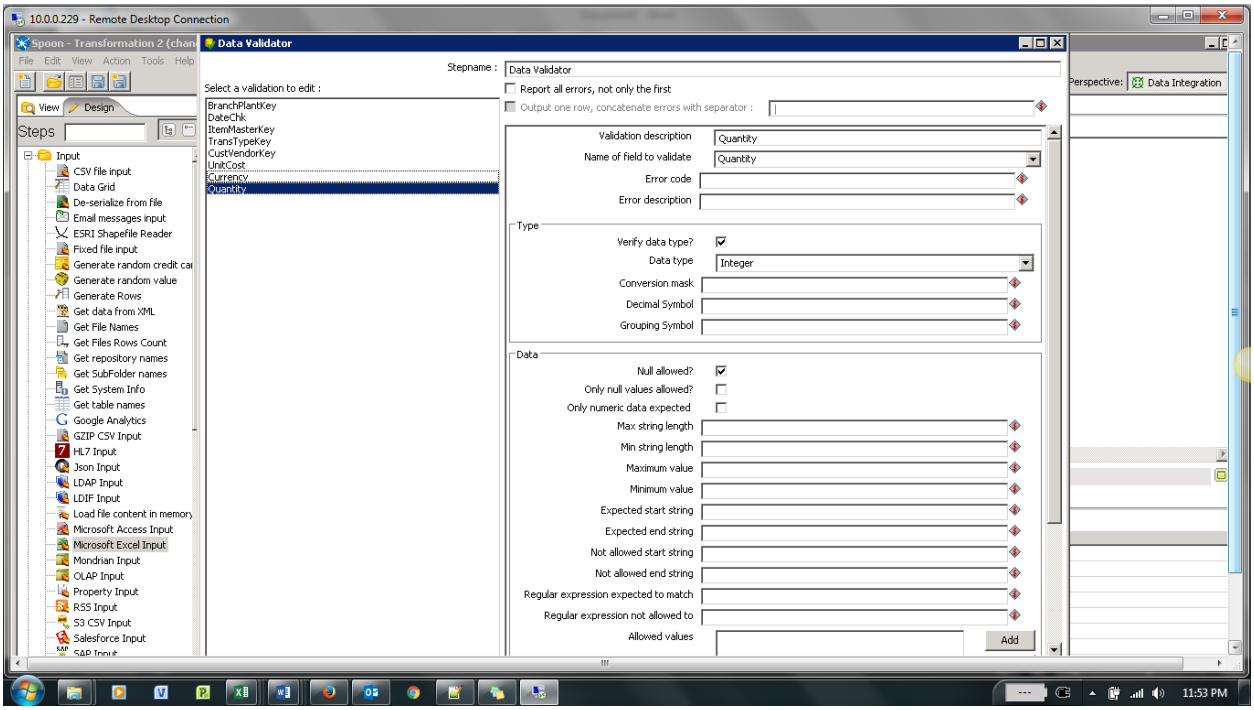
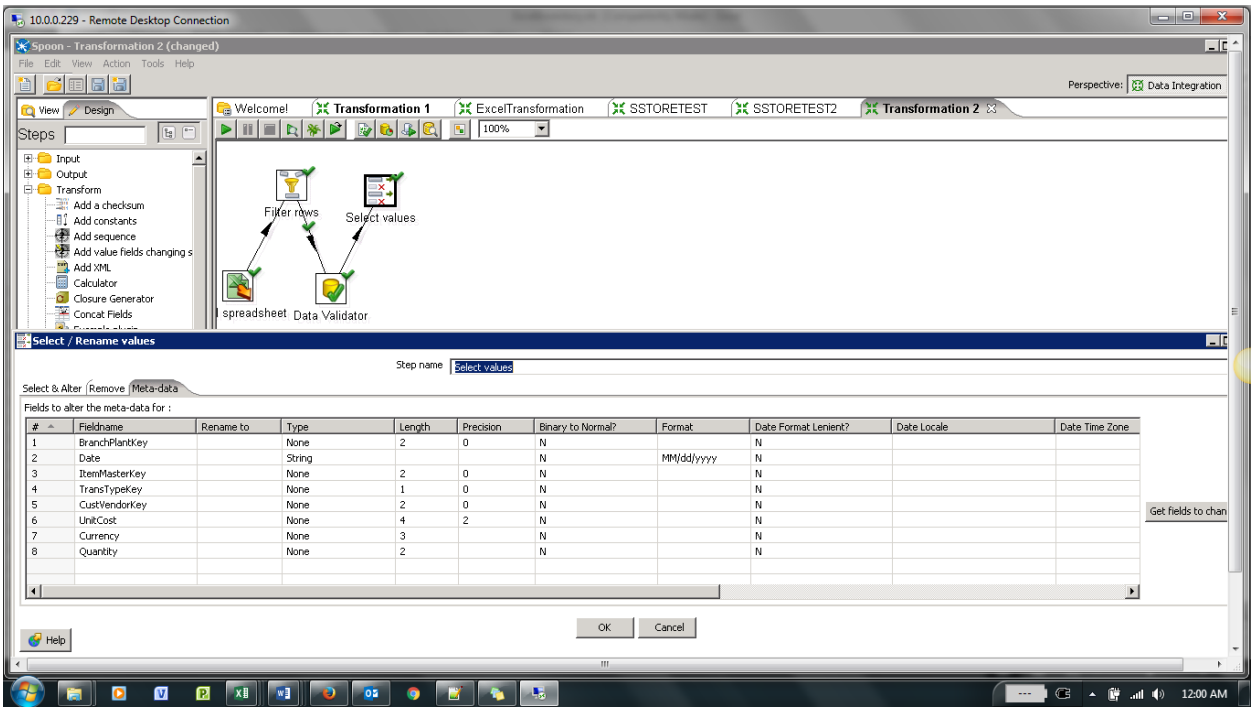
11:52 PM

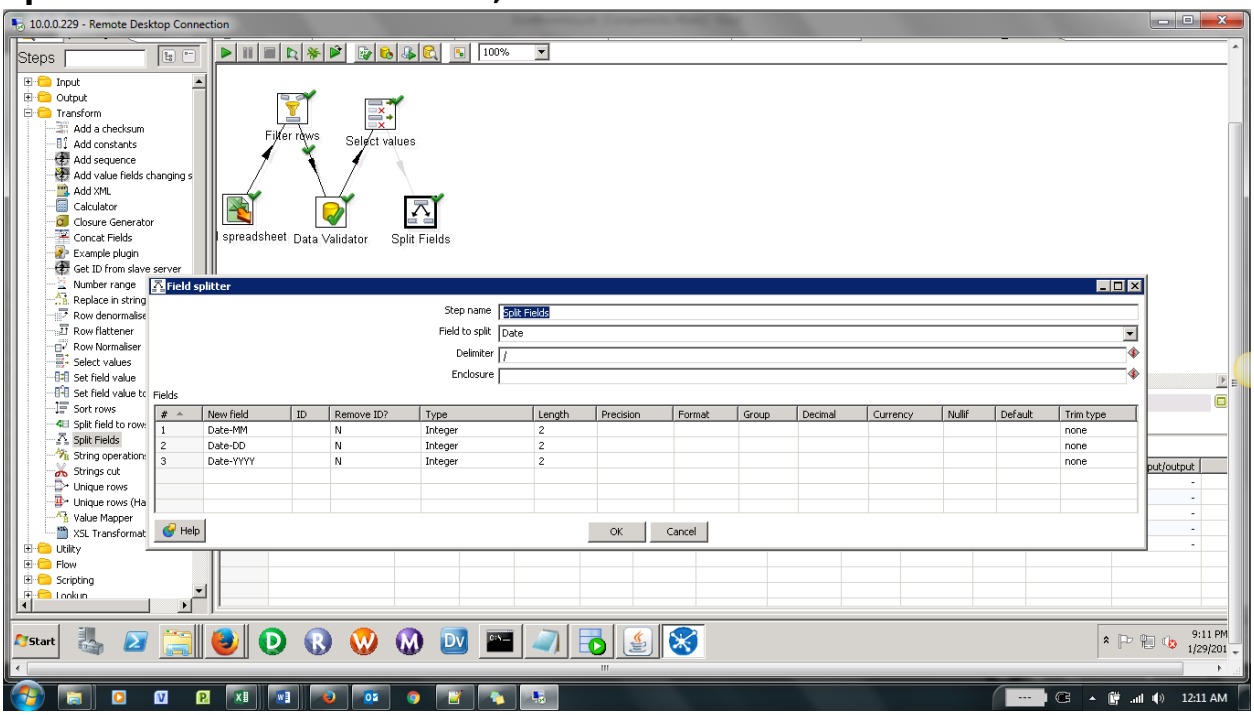




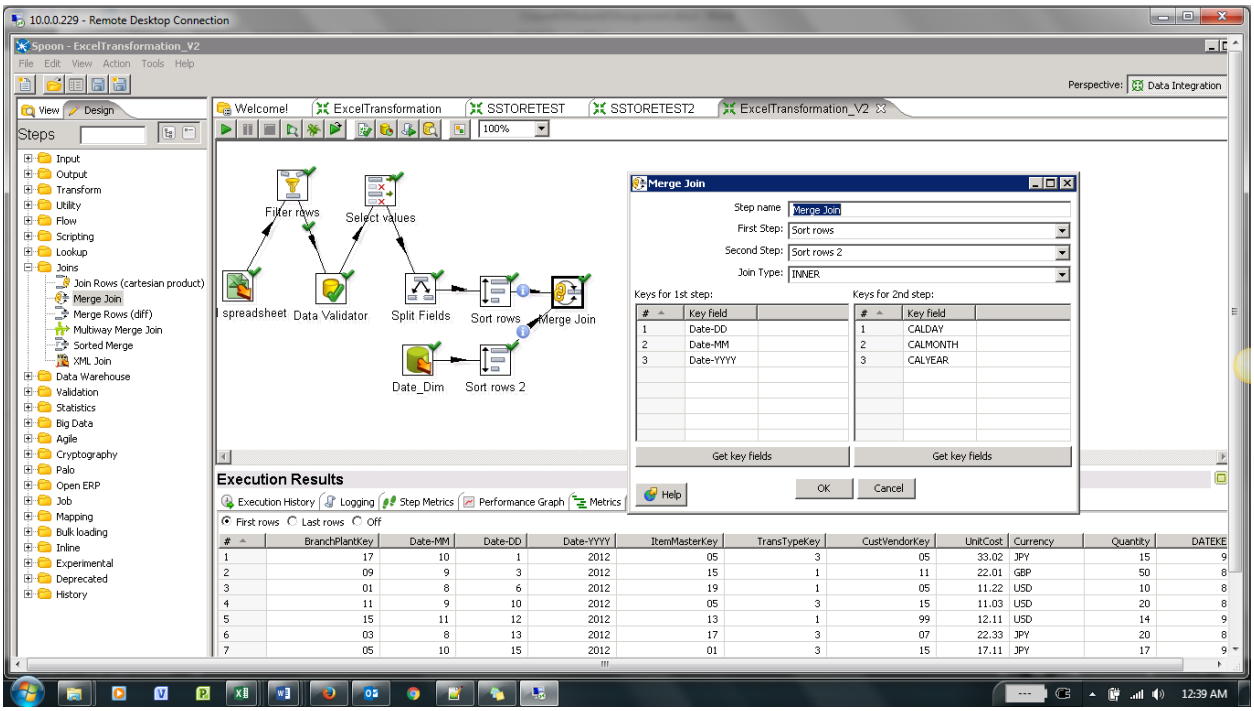
4. Parse dates in an Excel data source - a Select values step



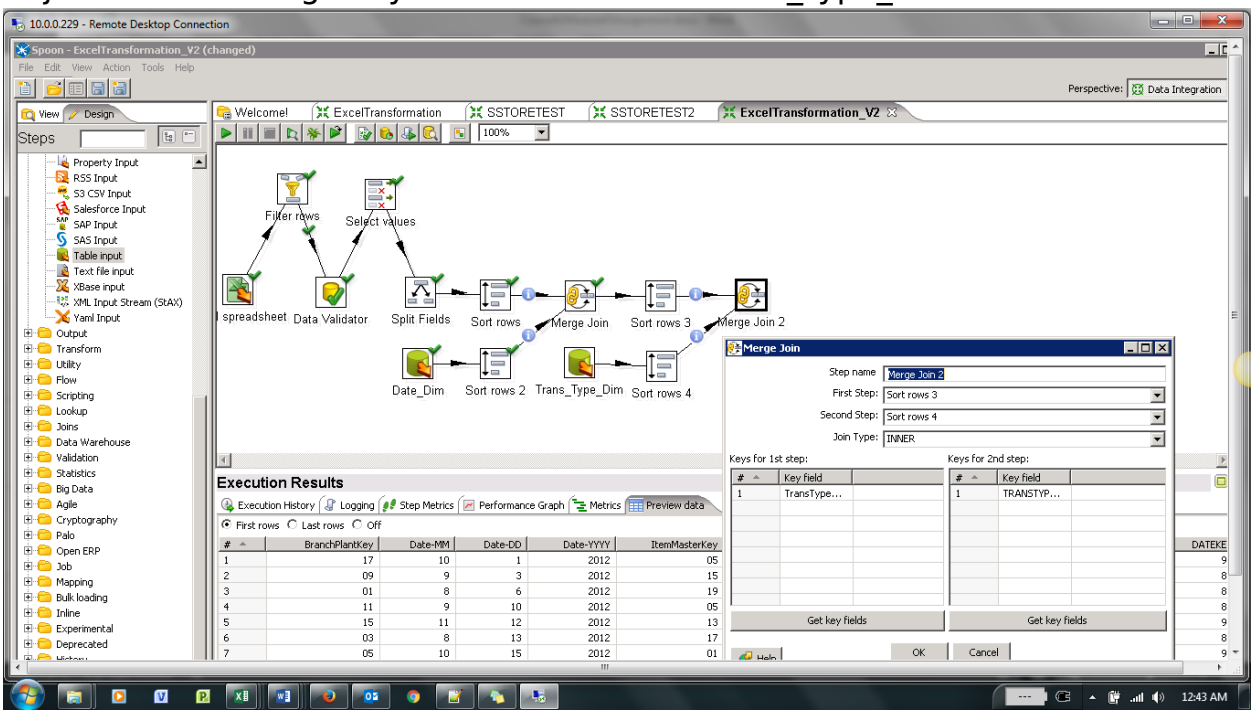
5. Split Date Field into Date-MM, Date-DD and Date-YYYY



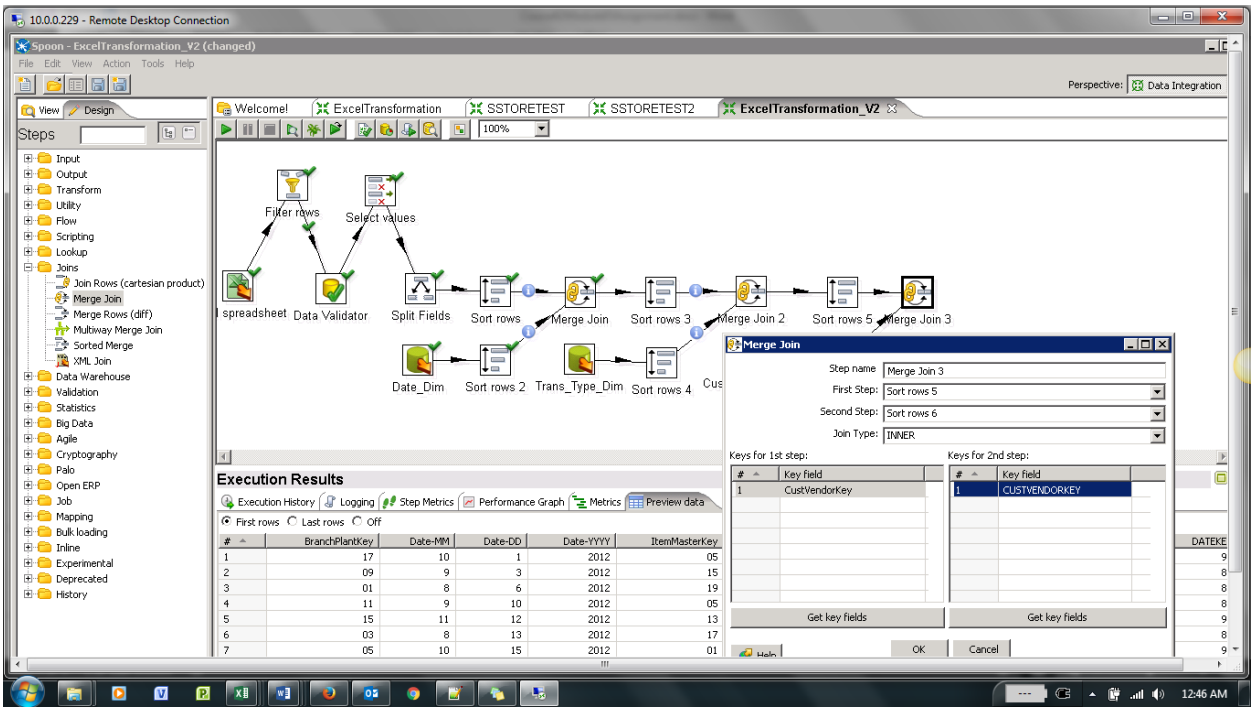
6. Reject invalid foreign key references : `Join Date_Dim`



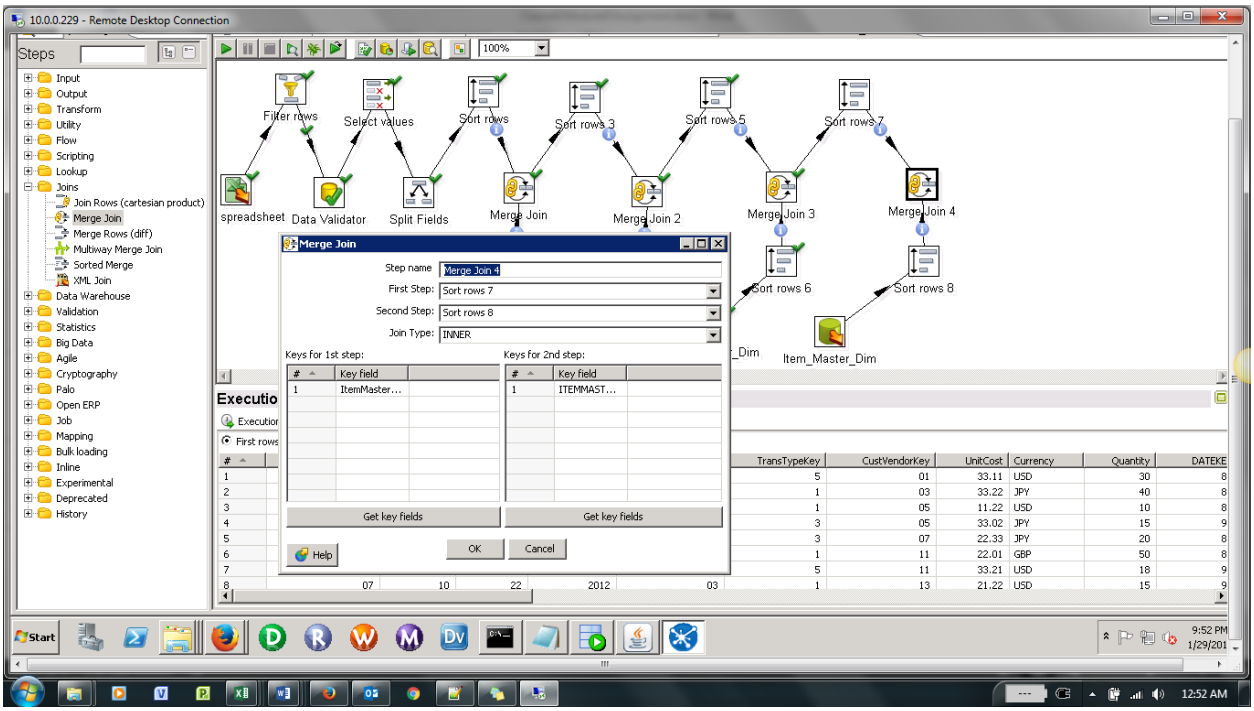
7. Reject invalid foreign key references : `Join` Trans_Type_Dim



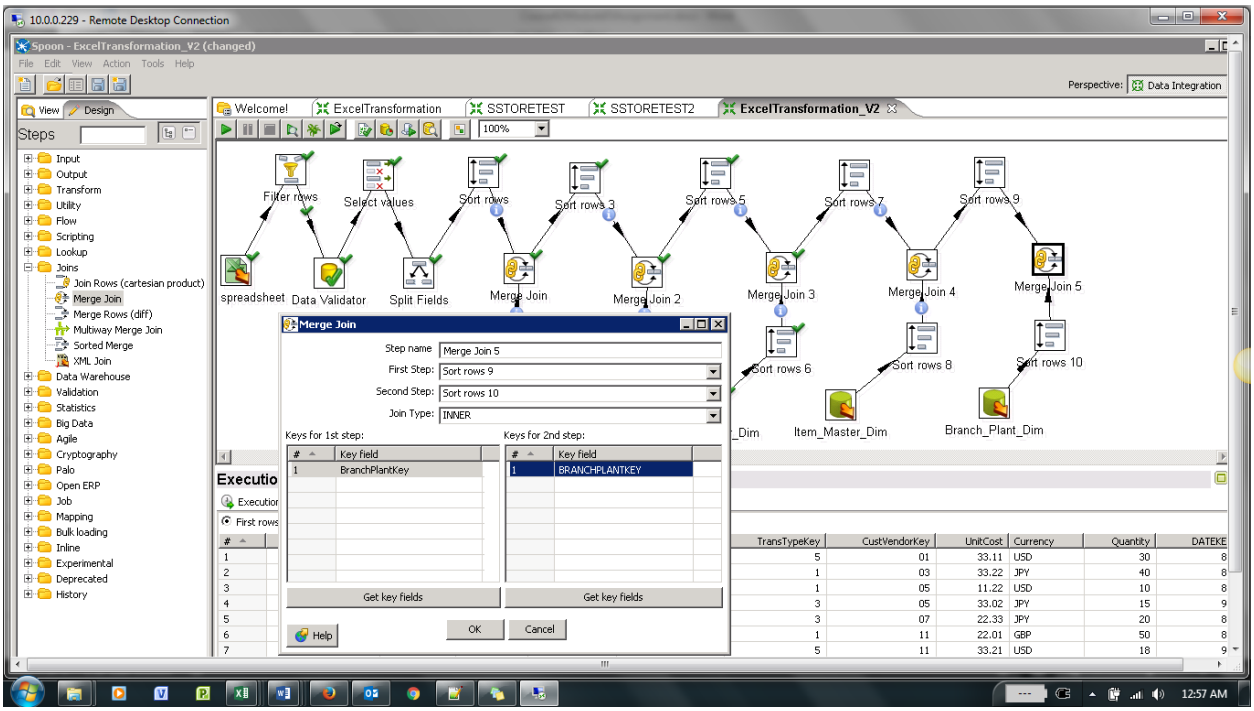
8. Reject invalid foreign key references : `Join` Cust_Vendor_Dim



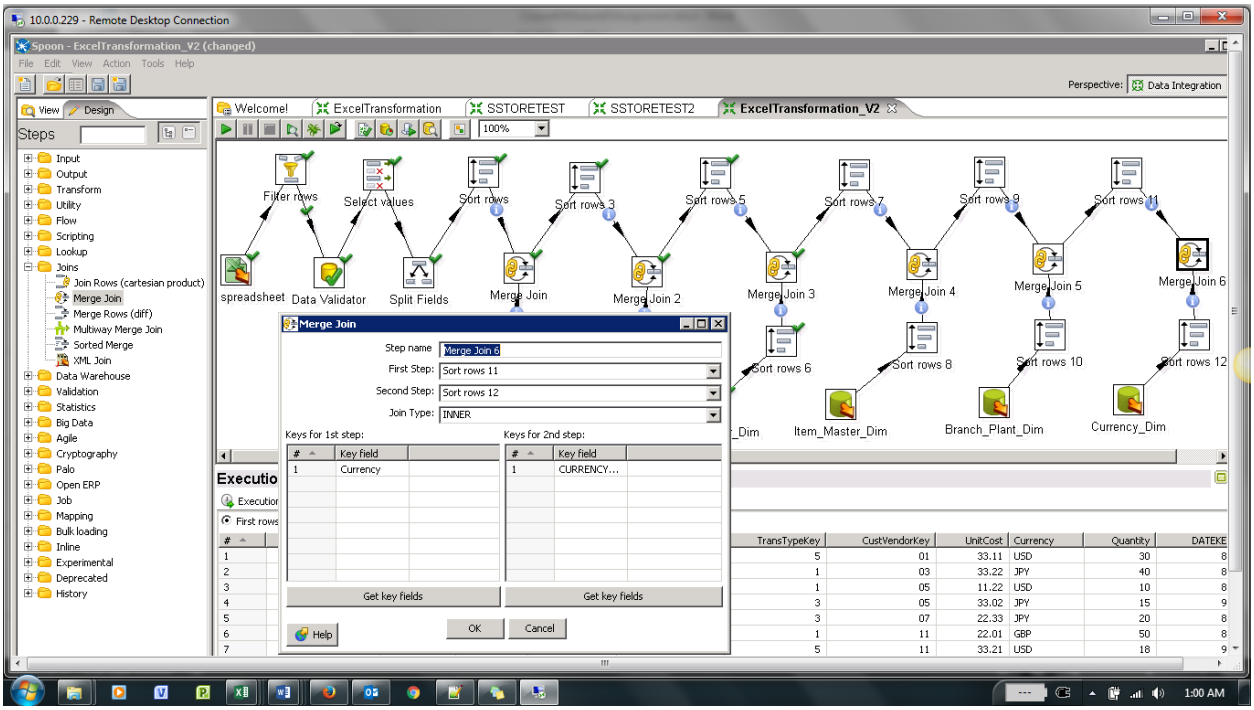
9. Reject invalid foreign key references : Join Item_Master_Dim



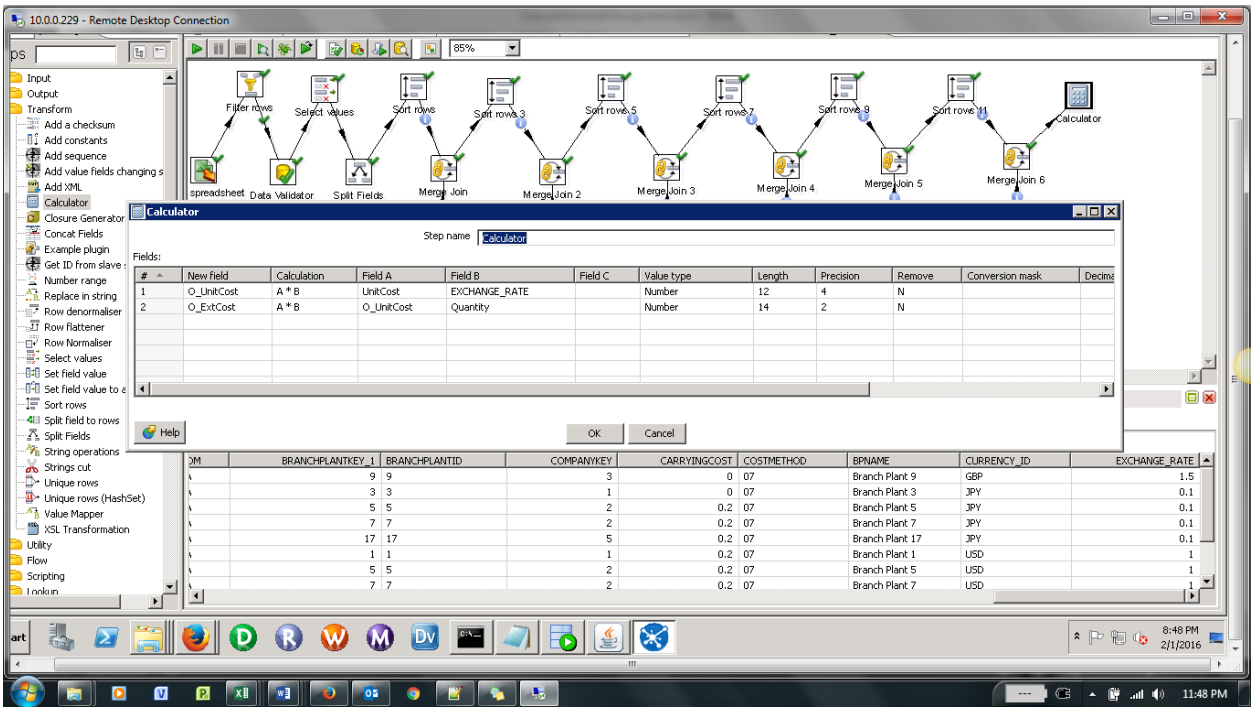
10. Reject invalid foreign key references : `Join` Branch_Plant_Dim



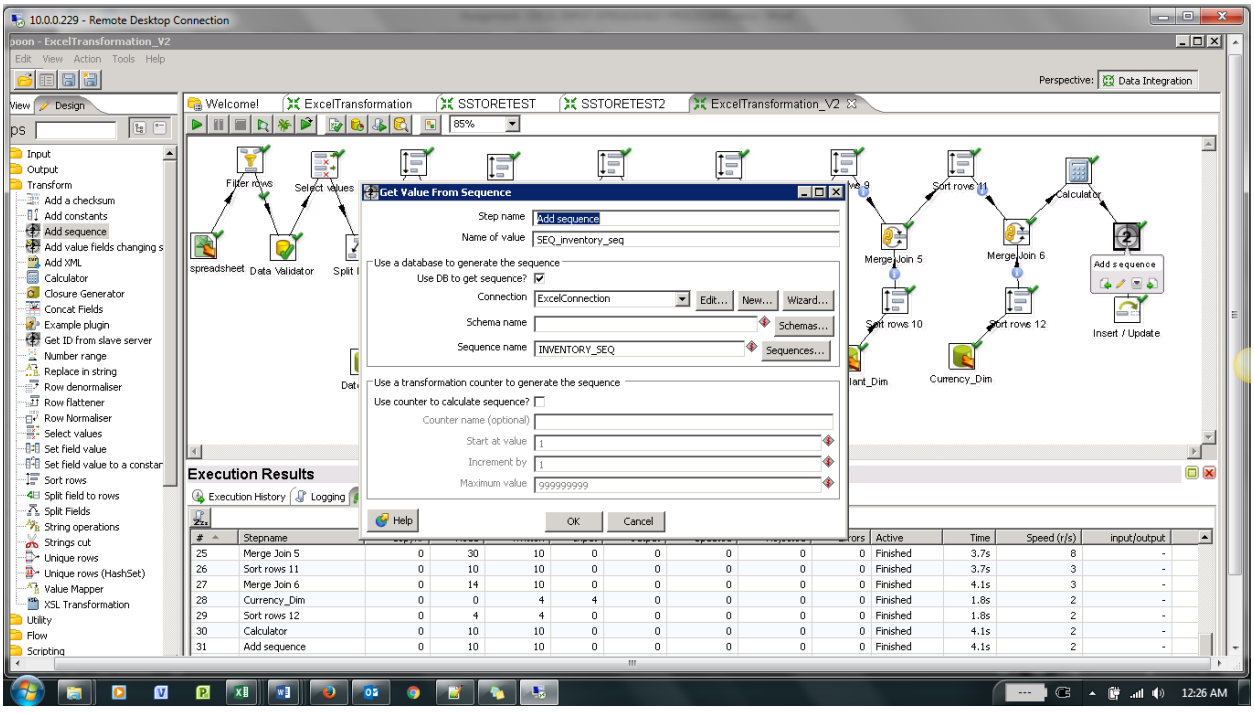
11. Reject invalid foreign key references : `Join` Currency_Dim



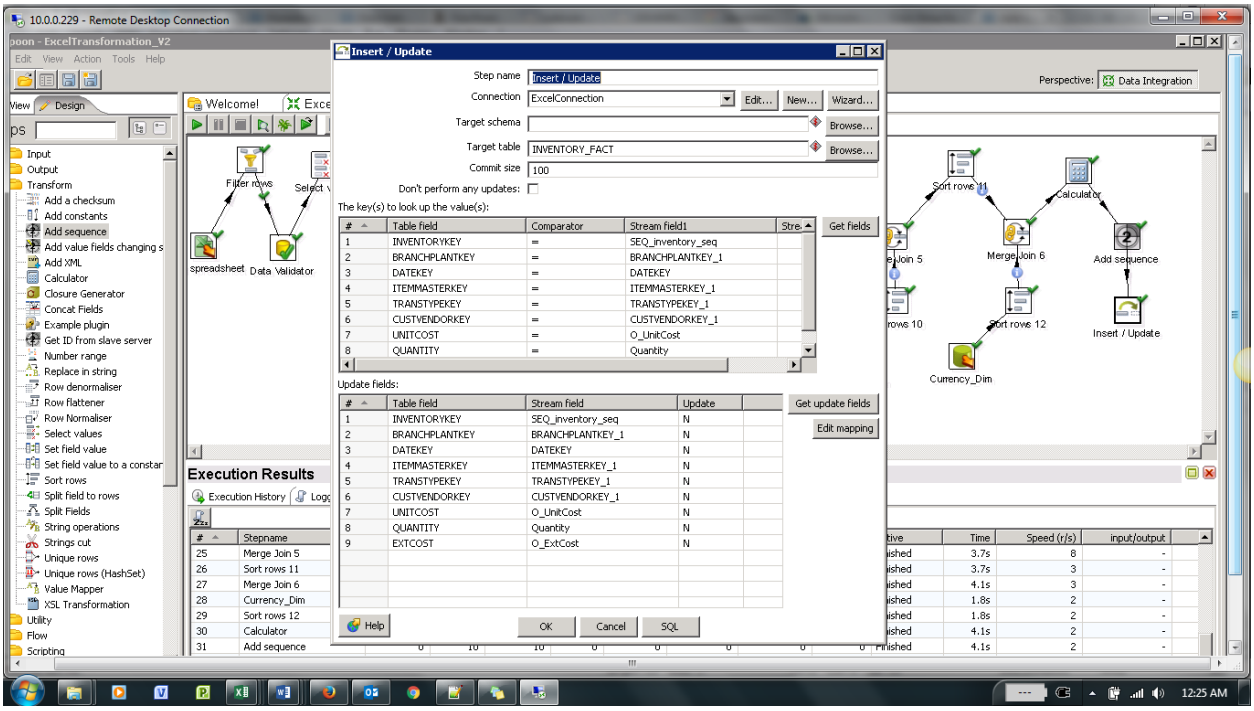
12. Calculator Transformation for Unit Cost and ExtCost:



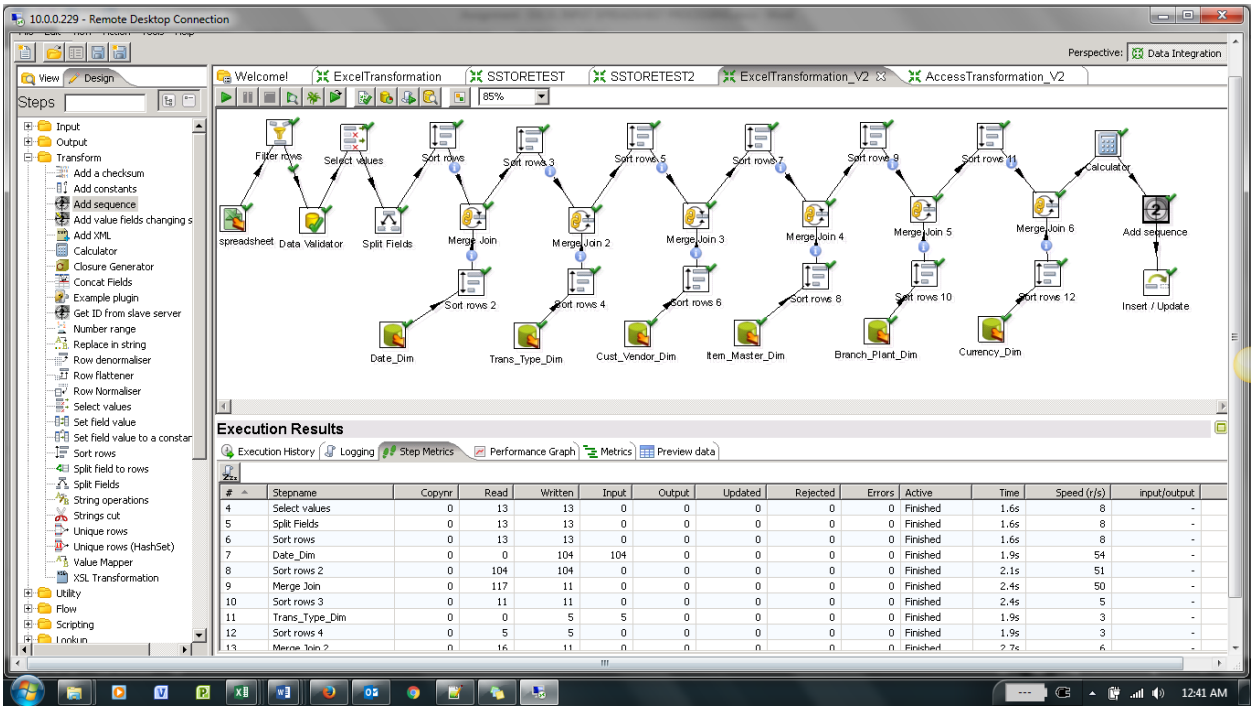
13. Add Sequence



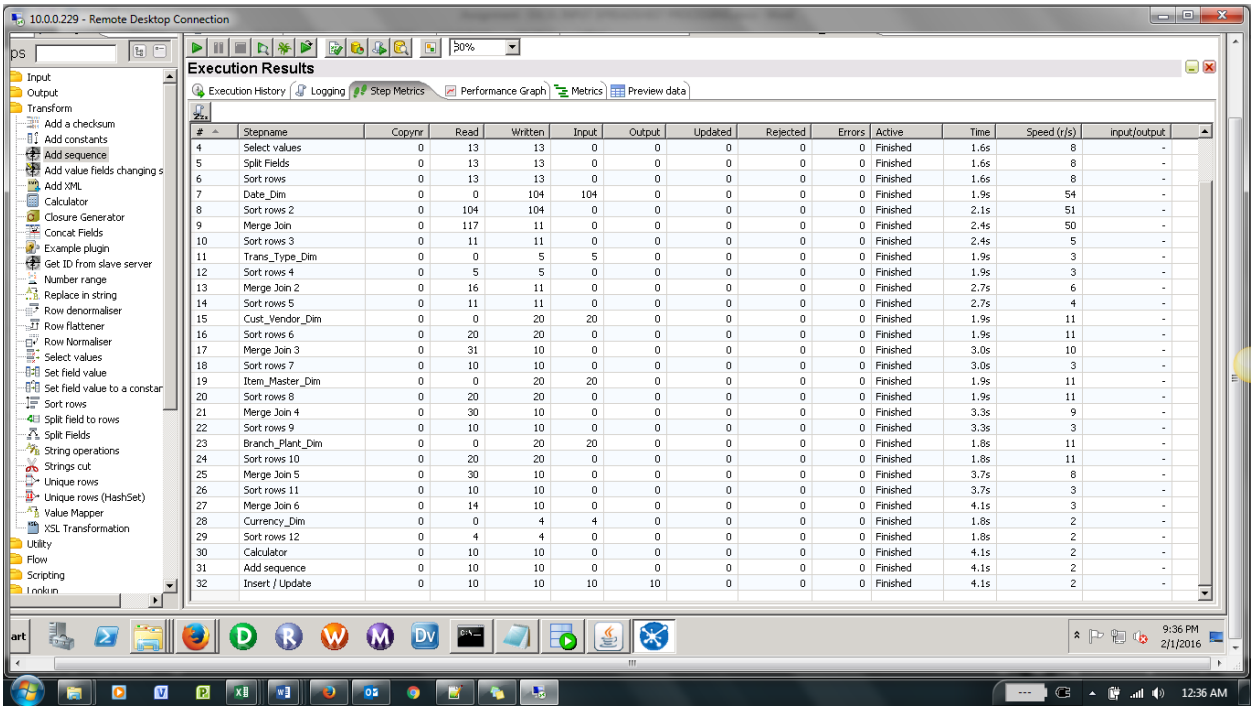
14. Insert/Update INVENTORY_FACT table:



Complete Transformation:



Execution: Step Output Stats:



#	Stepname	Copynr	Read	Written	Input	Output	Updated	Rejected	Errors	Active	Time	Speed (r/s)	input/output
4	Select values	0	13	13	0	0	0	0	0	Finished	1.6s	8	-
5	Split Fields	0	13	13	0	0	0	0	0	Finished	1.6s	8	-
6	Sort rows	0	13	13	0	0	0	0	0	Finished	1.6s	8	-
7	Date_Dim	0	0	104	104	0	0	0	0	Finished	1.9s	54	-
8	Sort rows 2	0	104	104	0	0	0	0	0	Finished	2.1s	51	-
9	Merge Join	0	117	11	0	0	0	0	0	Finished	2.4s	50	-
10	Sort rows 3	0	11	11	0	0	0	0	0	Finished	2.4s	5	-
11	Trans_Type_Dim	0	0	5	5	0	0	0	0	Finished	1.9s	3	-
12	Sort rows 4	0	5	5	0	0	0	0	0	Finished	1.9s	3	-
13	Merge Join 2	0	16	11	0	0	0	0	0	Finished	2.7s	6	-
14	Sort rows 5	0	11	11	0	0	0	0	0	Finished	2.7s	4	-
15	Cust_Vendor_Dim	0	0	20	20	0	0	0	0	Finished	1.9s	11	-
16	Sort rows 6	0	20	20	0	0	0	0	0	Finished	1.9s	11	-
17	Merge Join 3	0	31	10	0	0	0	0	0	Finished	3.0s	10	-
18	Sort rows 7	0	10	10	0	0	0	0	0	Finished	3.0s	3	-
19	Item_Master_Dim	0	0	20	20	0	0	0	0	Finished	1.9s	11	-
20	Sort rows 8	0	20	20	0	0	0	0	0	Finished	1.9s	11	-
21	Merge Join 4	0	30	10	0	0	0	0	0	Finished	3.3s	9	-
22	Sort rows 9	0	10	10	0	0	0	0	0	Finished	3.3s	3	-
23	Branch_Plant_Dim	0	0	20	20	0	0	0	0	Finished	1.8s	11	-
24	Sort rows 10	0	20	20	0	0	0	0	0	Finished	1.8s	11	-
25	Merge Join 5	0	30	10	0	0	0	0	0	Finished	3.7s	8	-
26	Sort rows 11	0	10	10	0	0	0	0	0	Finished	3.7s	3	-
27	Merge Join 6	0	14	10	0	0	0	0	0	Finished	4.1s	3	-
28	Currency_Dim	0	0	4	4	0	0	0	0	Finished	1.8s	2	-
29	Sort rows 12	0	4	4	0	0	0	0	0	Finished	1.8s	2	-
30	Calculator	0	10	10	0	0	0	0	0	Finished	4.1s	2	-
31	Add sequence	0	10	10	0	0	0	0	0	Finished	4.1s	2	-
32	Insert / Update	0	10	10	10	10	0	0	0	Finished	4.1s	2	-