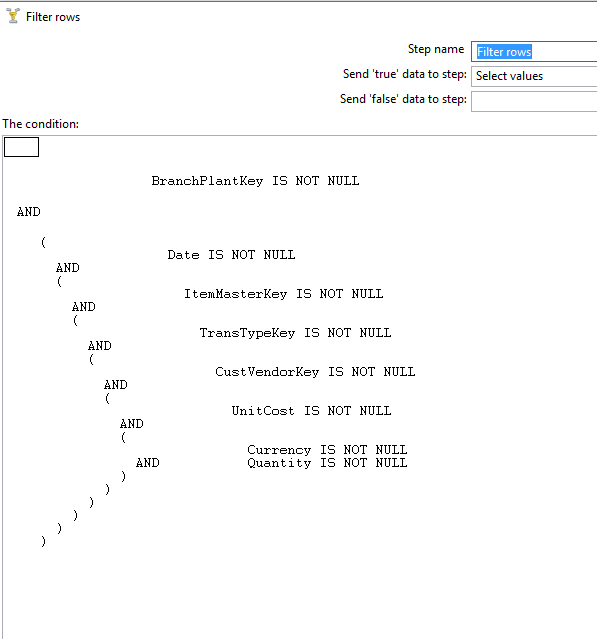
**COURSE02MODULE05**

1. Data Source Excel spreadsheet

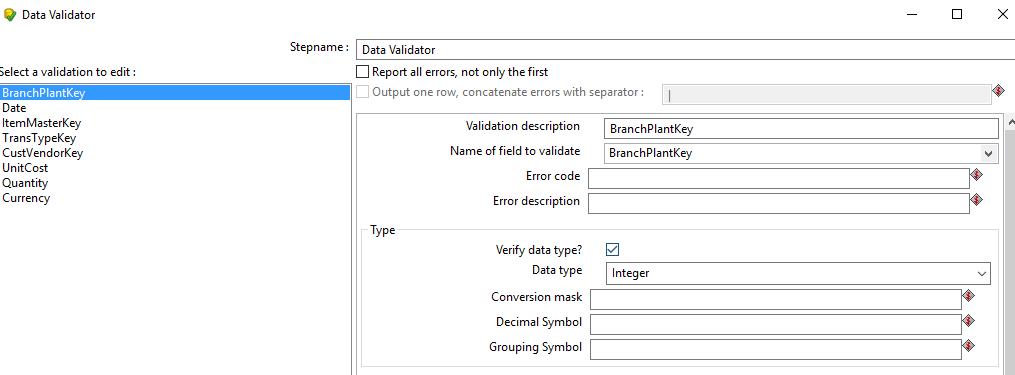
Checking the following constraints is done:

* Null or not (via Filter Rows)
* Data types (via Data Validator)
* Foreign Key References (via Sort and Merge at each step)

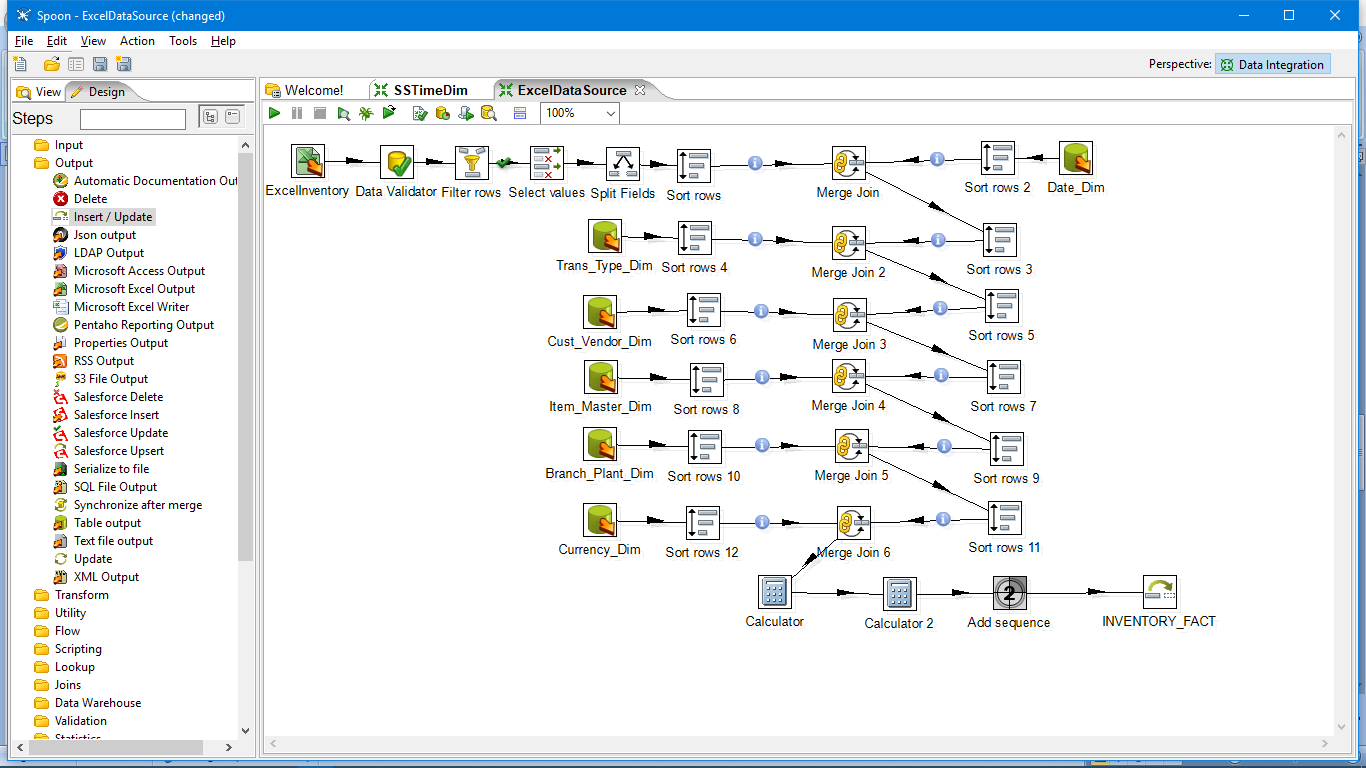
Filter Rows screenshot:



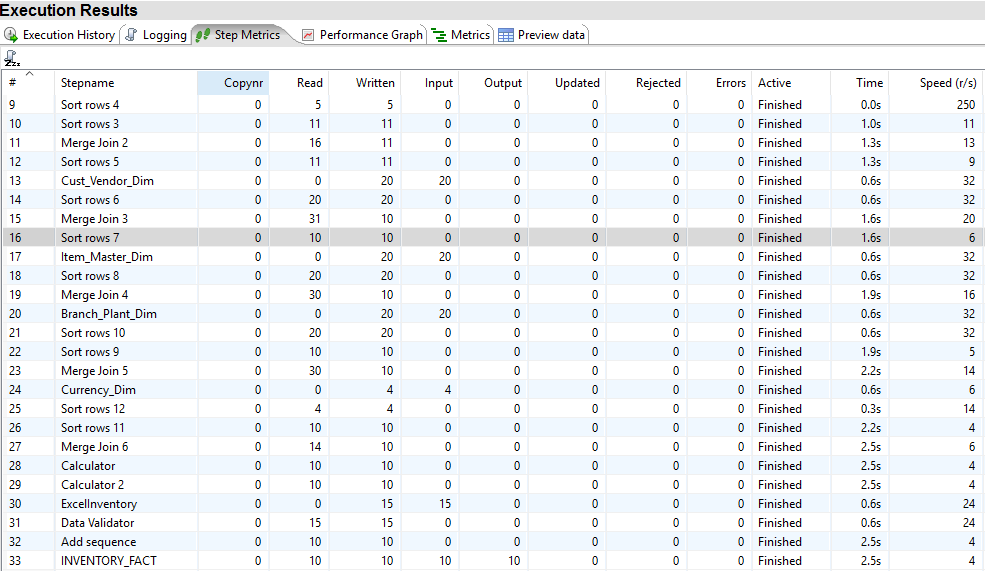
DataValidator (Data Type Validation)



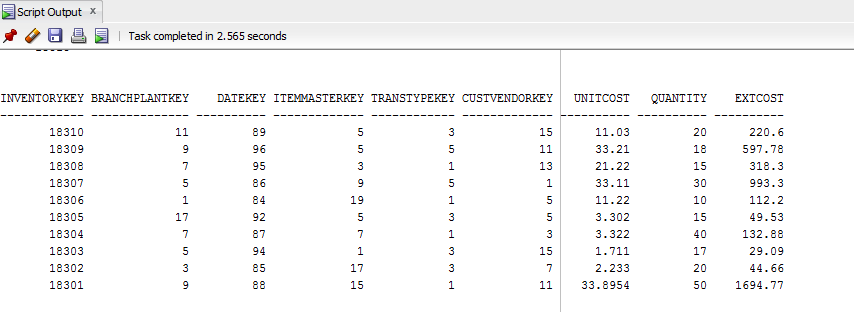
Transformation Screenshot:



Execution of above transformation results in insertion of 10 new rows shown below as sql developer output



Sql Screenshot:

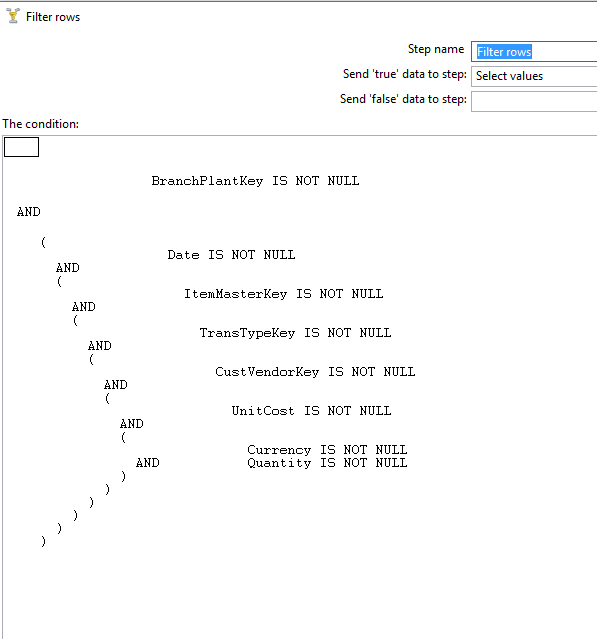
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1. **Data source as Access**

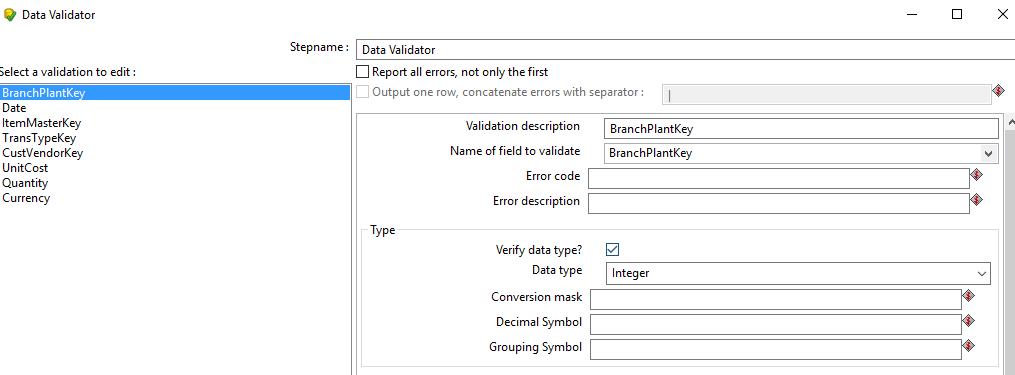
Checking the following constraints is done:

* Null or not fields (via Filter Rows)
* Data types (via Data Validator)
* Foreign Key References (via Sort and Merge at each step)

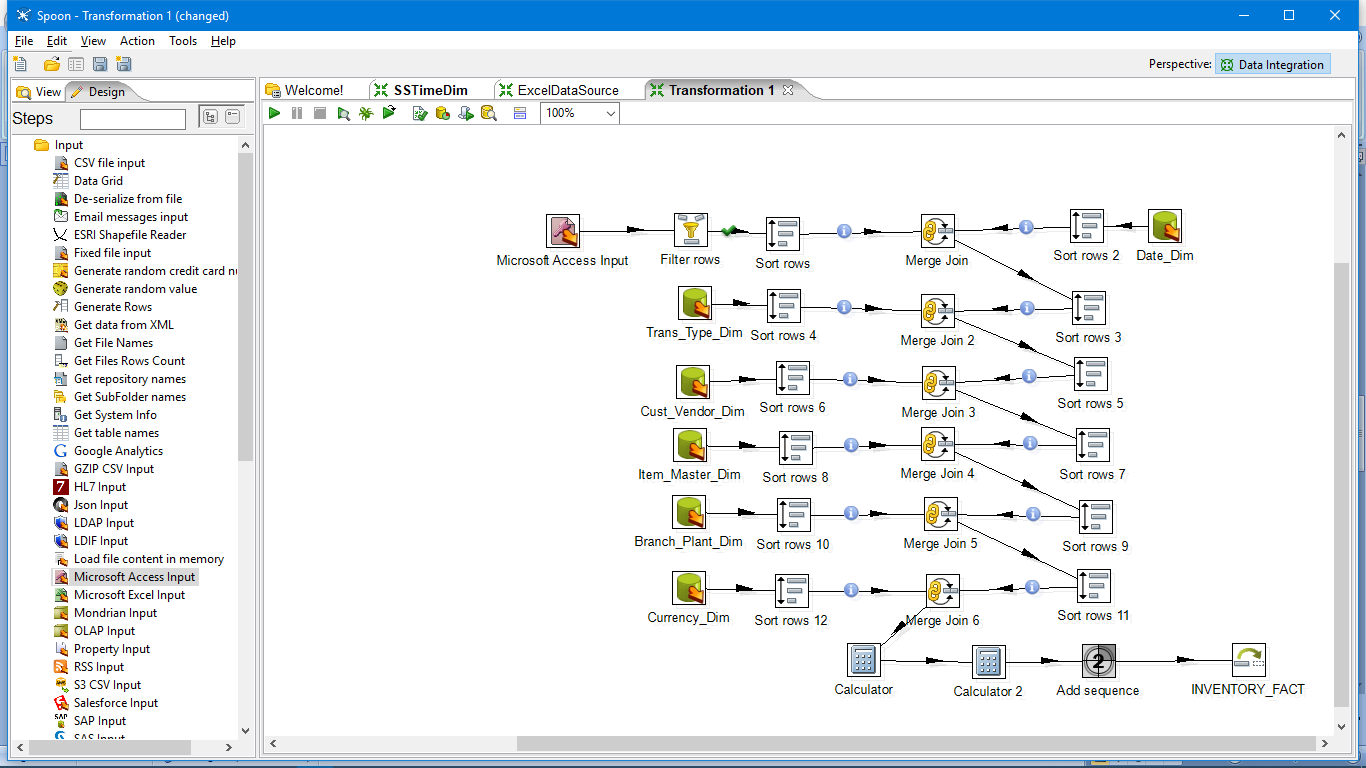
Filter Rows screenshot:



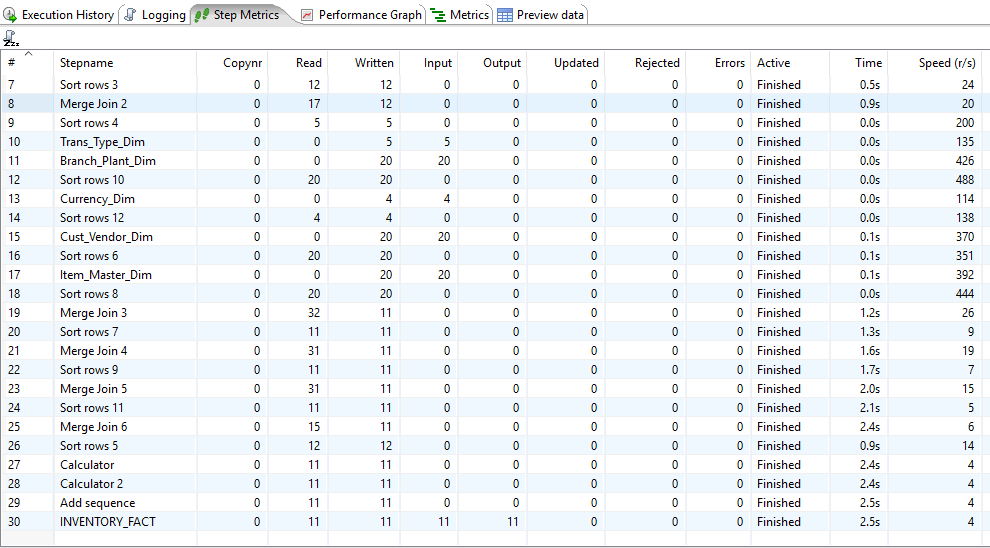
DataValidator (Data Type Validation)



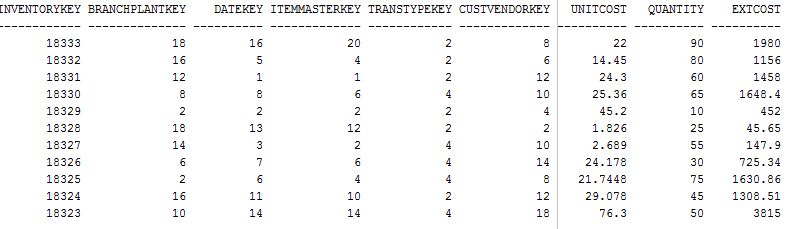
Transformation Screenshot:



Execution of above transformation results in insertion of 11 new rows shown below as sql developer output



Sql Screenshot:

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