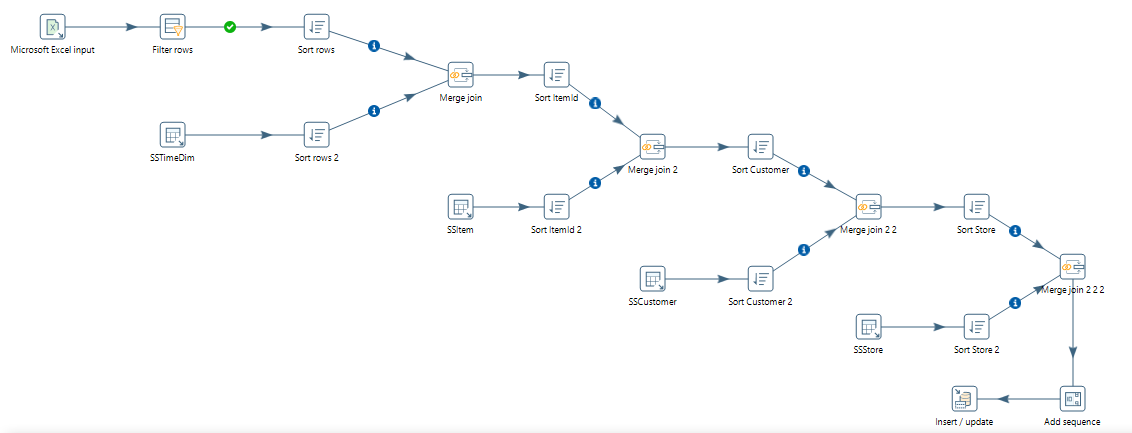
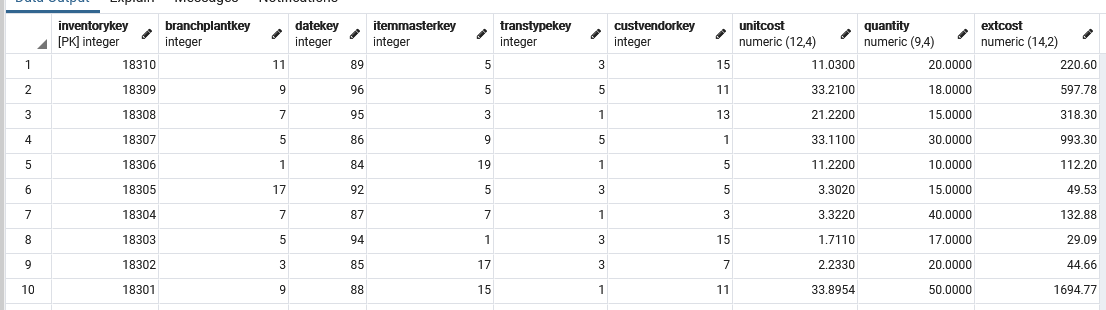
**Excel problem**

1. Final diagram at Pentaho Data Integration

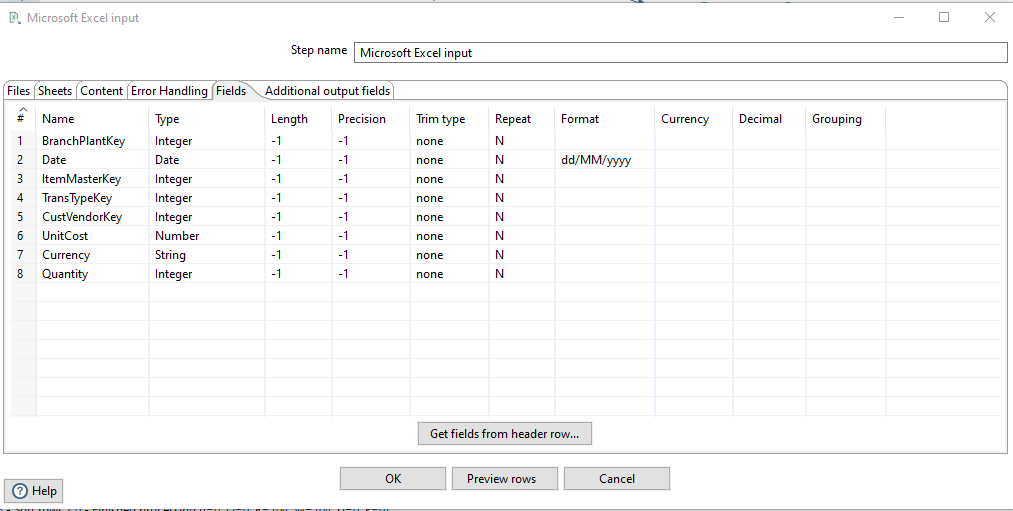


1. Inventory\_Fact table (screenshot from pg\_admin)

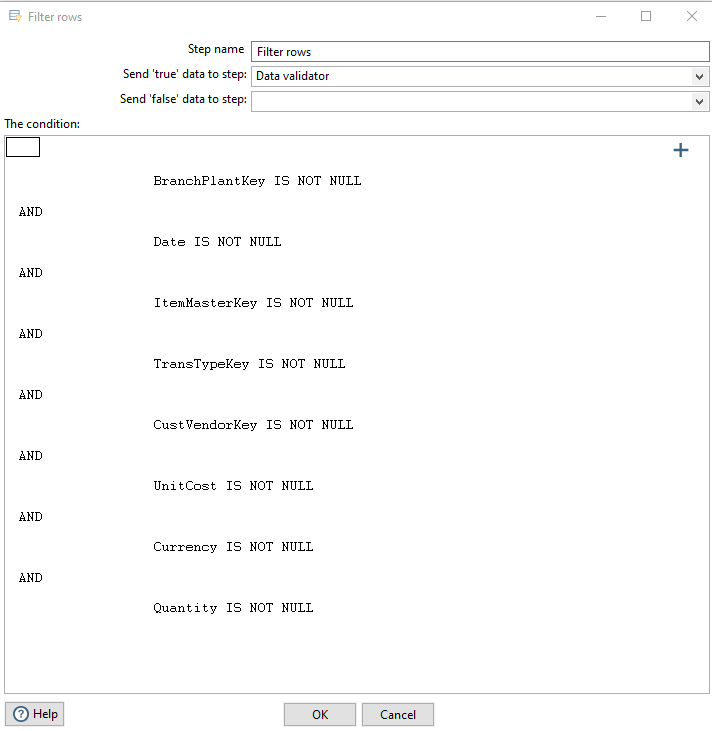


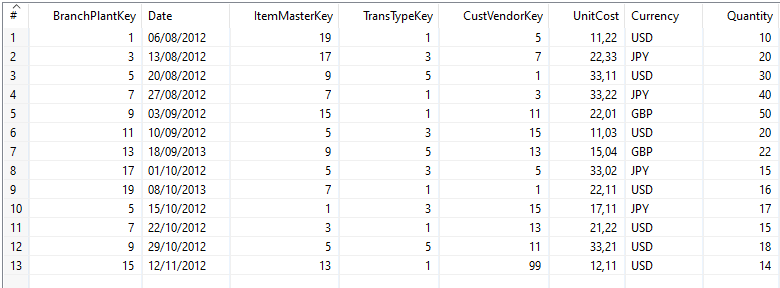
**Steps of execution**

1. Excel Input

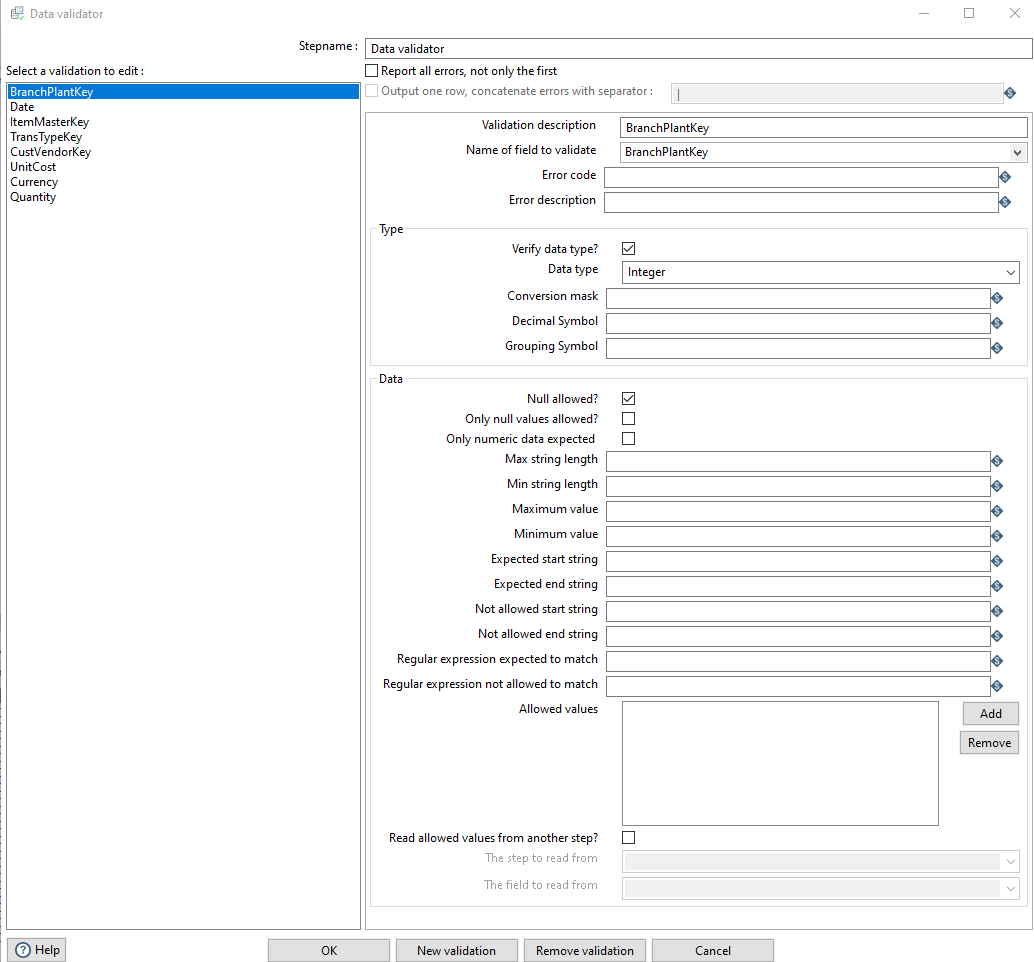


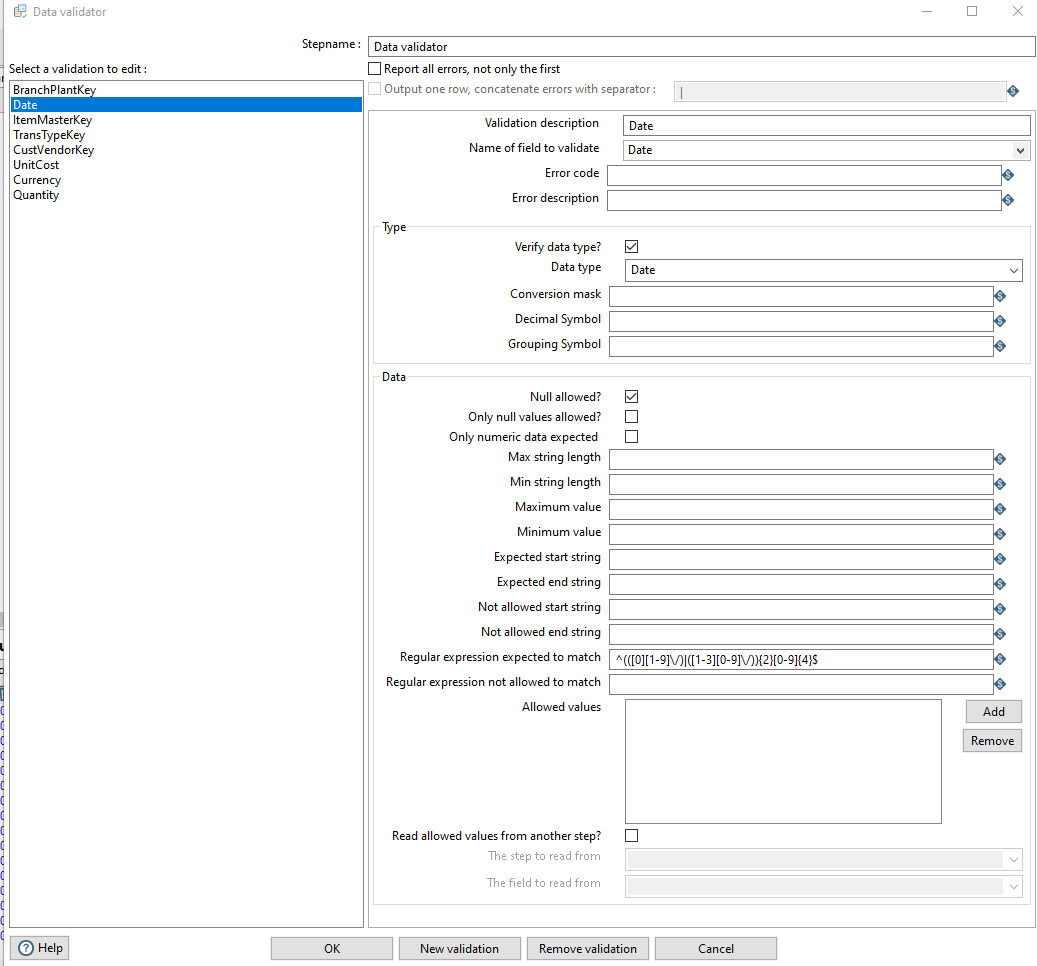
1. Filter rows

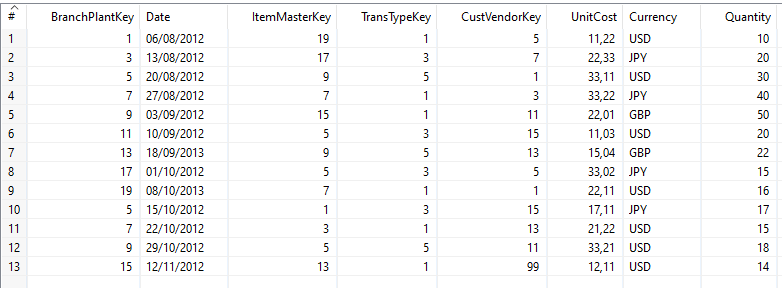




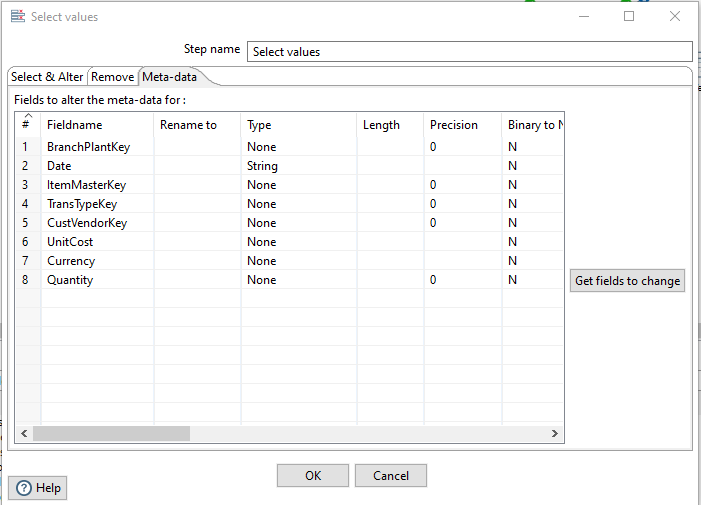
1. Data validation (checking data type and date format)

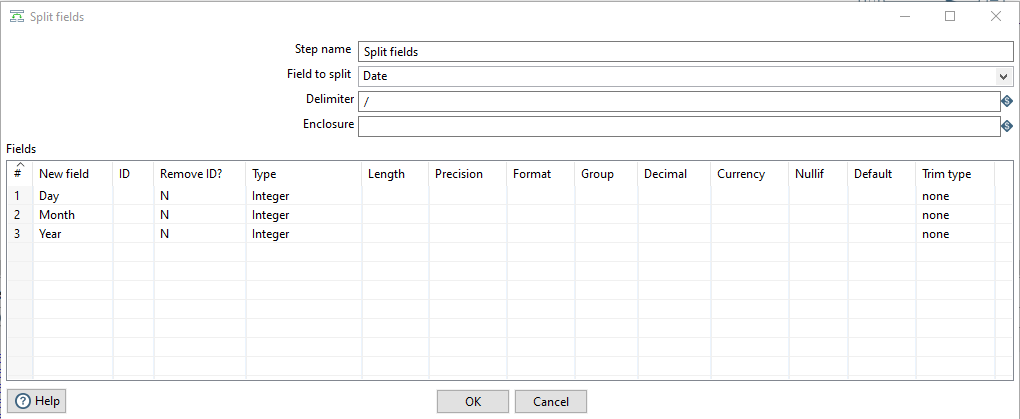


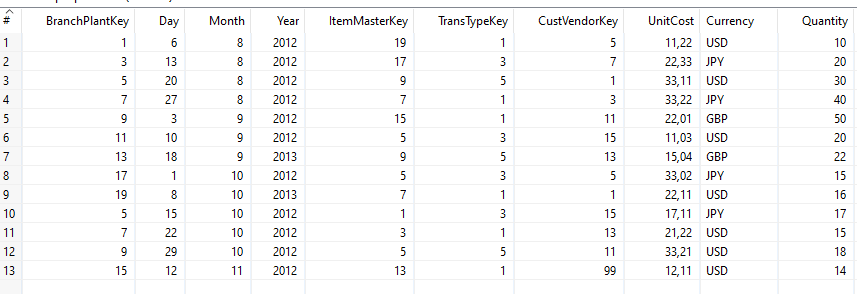




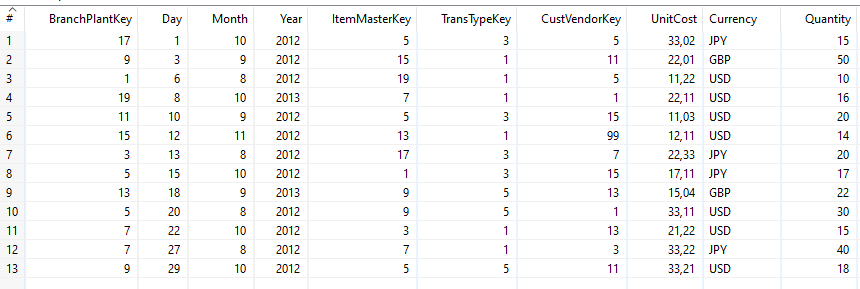
1. Data column splitting



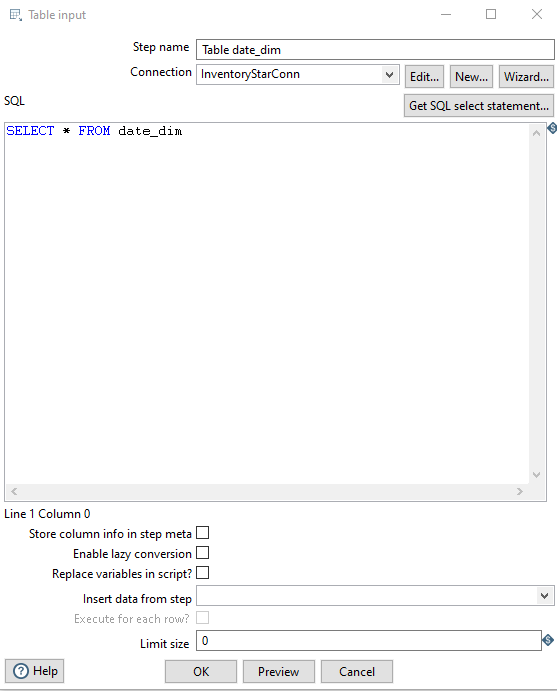


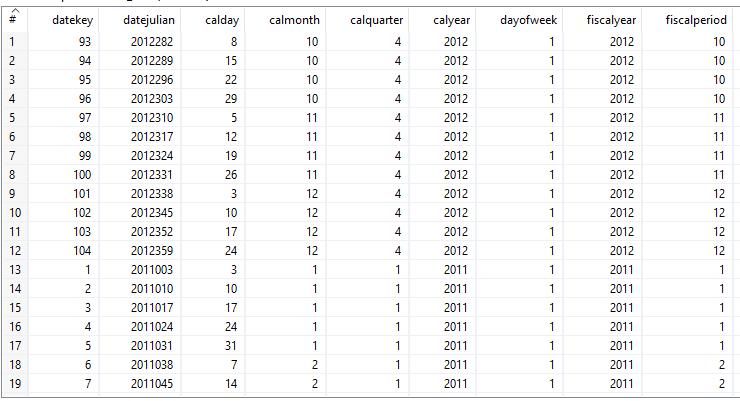


1. Sort by date

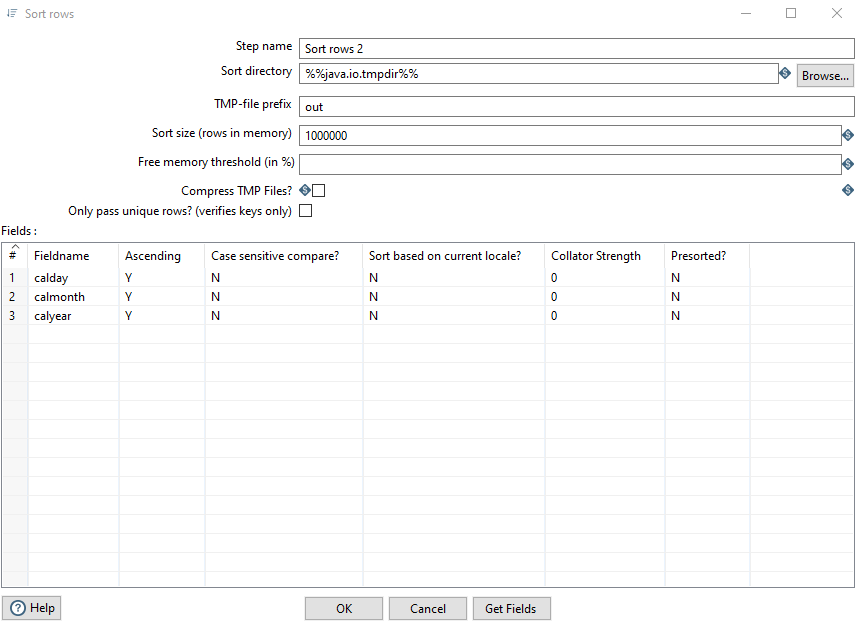


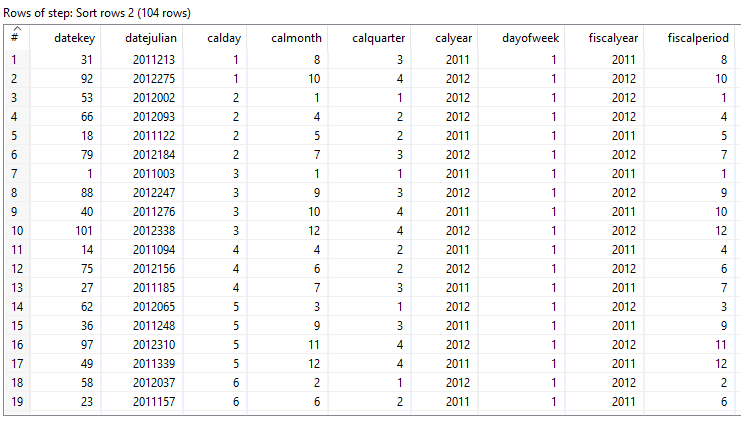
1. Database date\_dim input



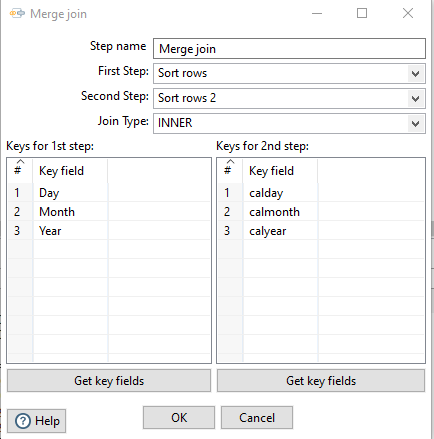


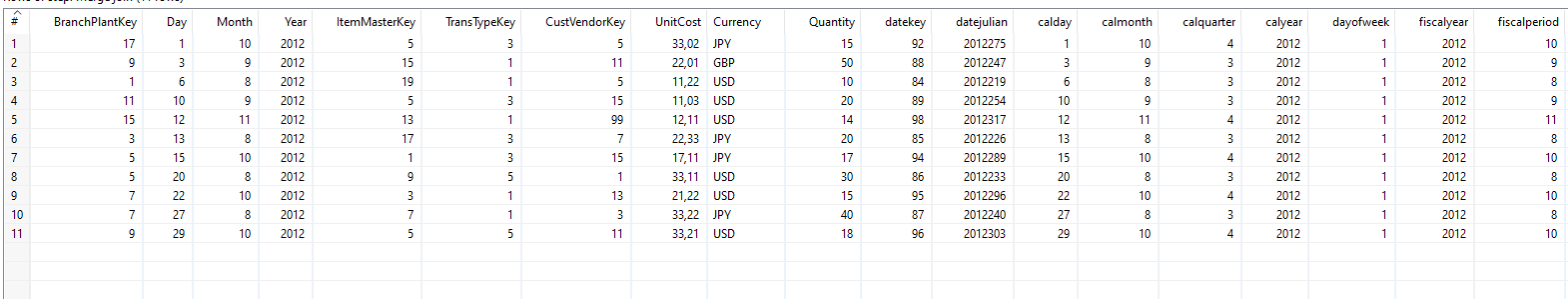
1. Sorting date\_dim by date





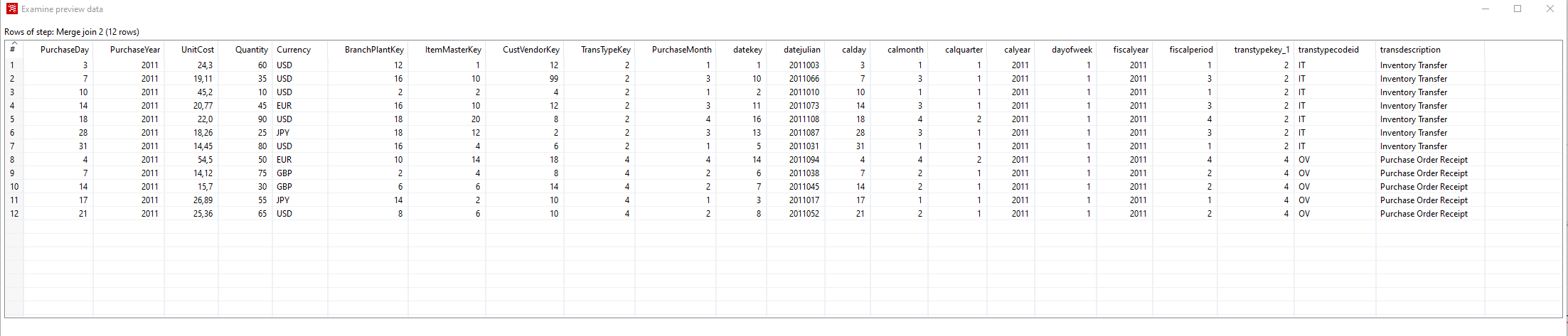
1. Merge join





Further sorting and join operations are similar, so windows with adjustments are omitted

1. Trans\_type join

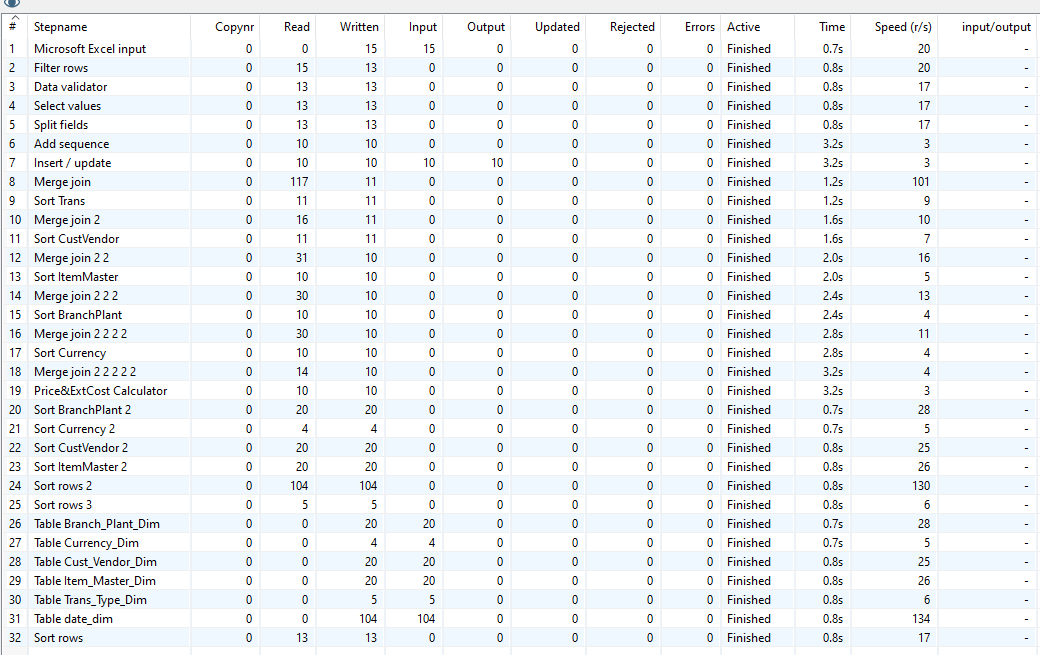


1. Cust\_vendor join

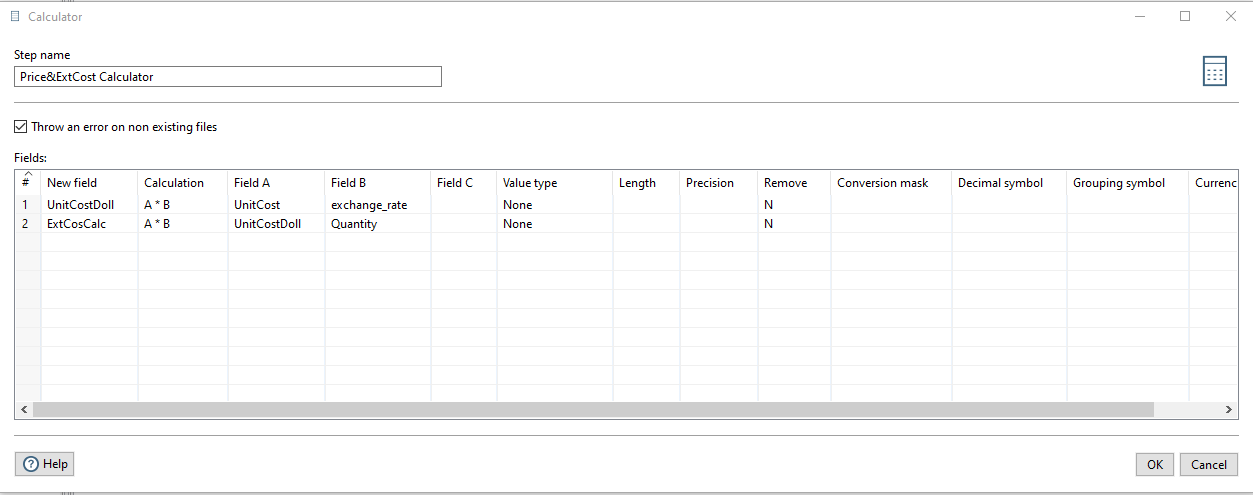


1. Result tables of Item\_master join, Branch\_plant join, Currensy join are too big.

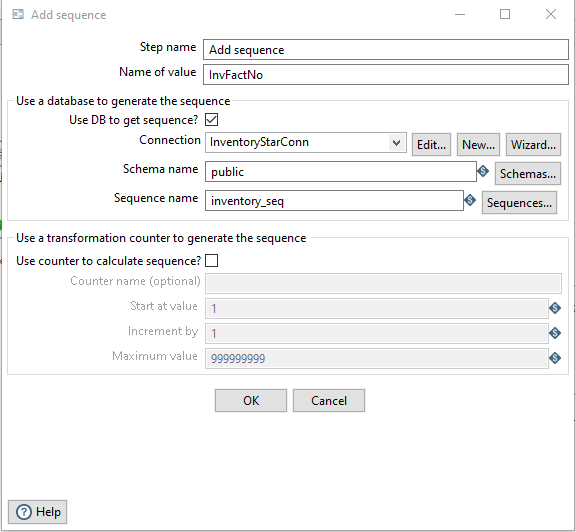
Step Metrics:



1. Calculator adjustments



1. Sequence adjustments



1. Insert / update adjustments

