**Transformation 1 : Module 5 (EXCEL)**

Data Source 2: Excel spreadsheet

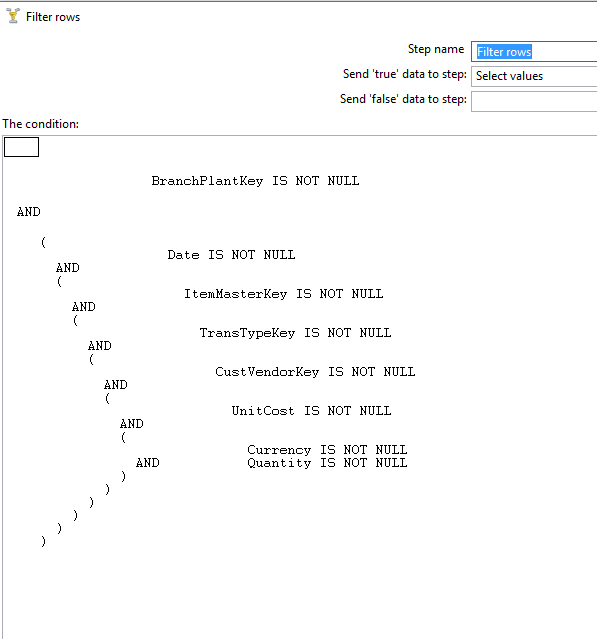
The problem describes the use of Pentaho Data Integration Software and Oracle Database.

I have used both.

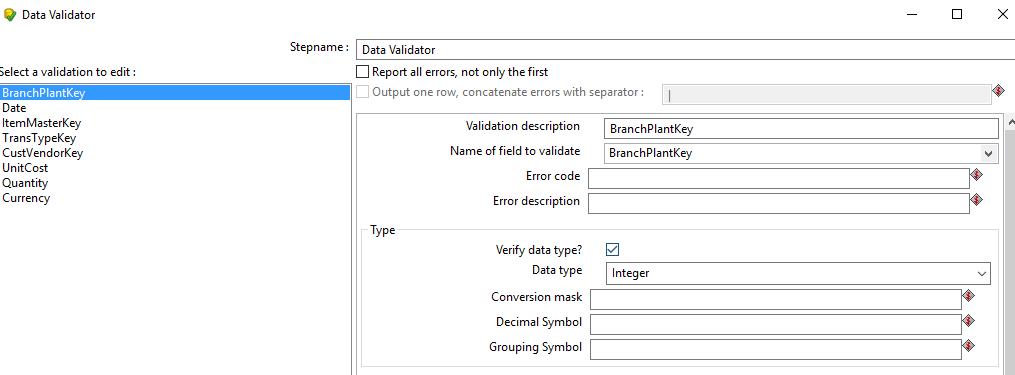
First Excel File is loaded

1. Check Fields Null or not (Filter Rows)
2. Check If is has proper data types (DataValidator)
3. Check Foreign Key References (Doing Sort and Merge at each step)(Transformation Image)

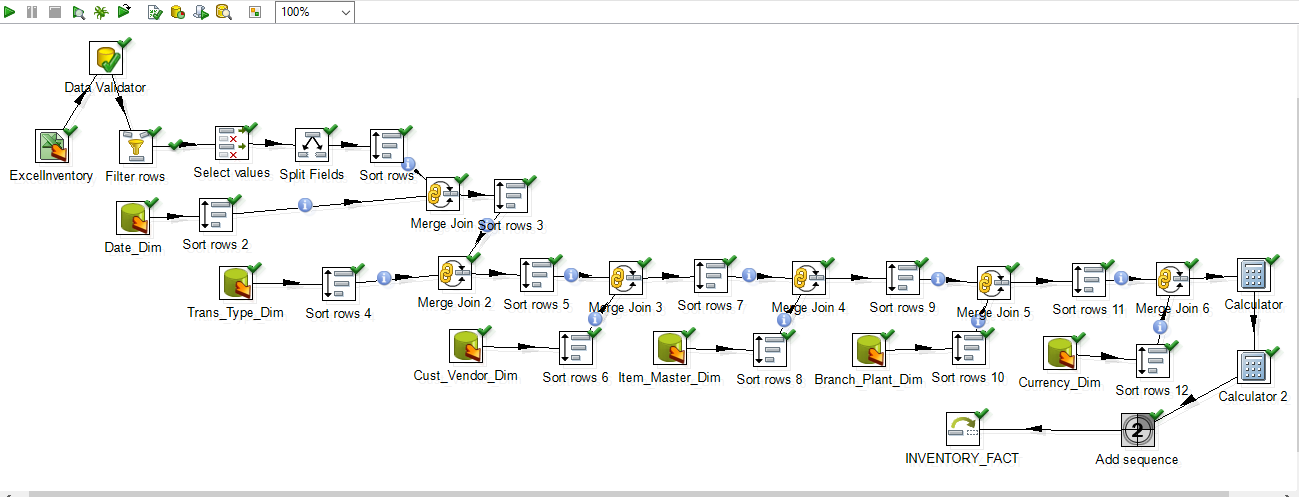
Filter Rows



DataValidator (Check Data Type)



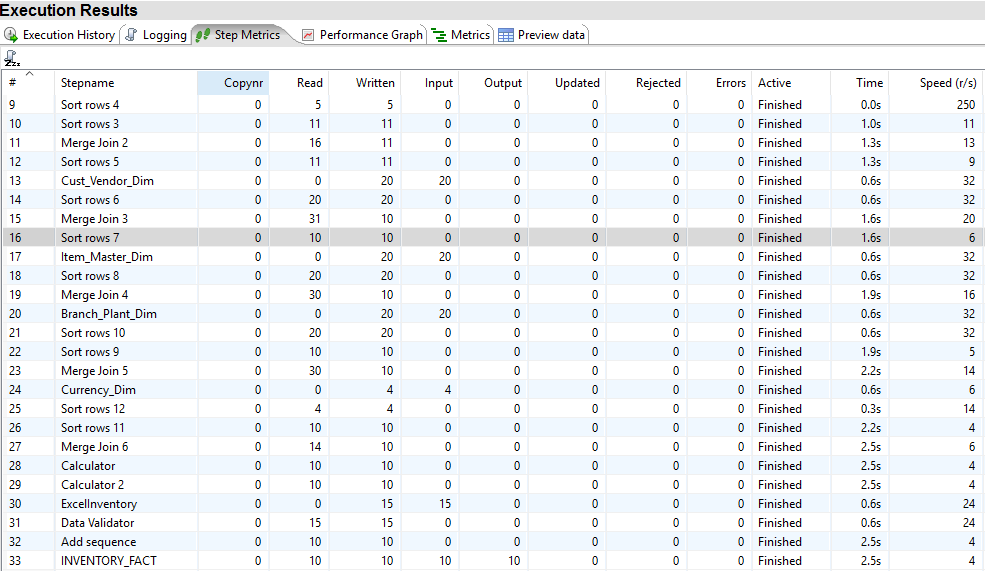
Transformation:



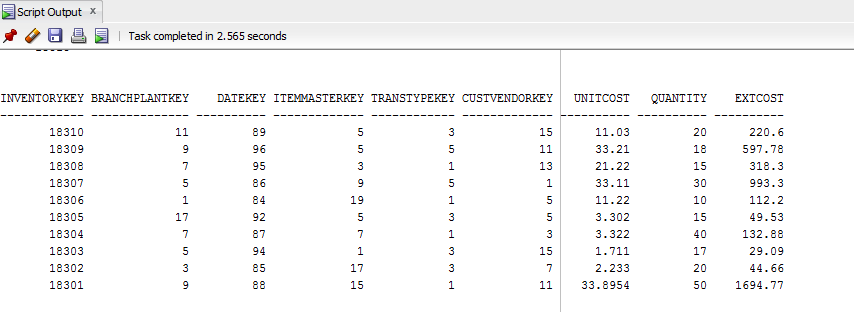
Here Calculator1, Does Unit\_Cost(To be inserted) = Unit\_Cost in Data Source \* Exchange\_Rate

Here, Calculator2, Does EXT\_COST = Unit\_Cost(New one calculated in Calculator1) \* Quantity

After running the above, Transformation,10 rows were inserted.



**Check Last INVETORY\_FACT , Here 10 rows are written or inserted into the database. I checked the rows in sql developer.**

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