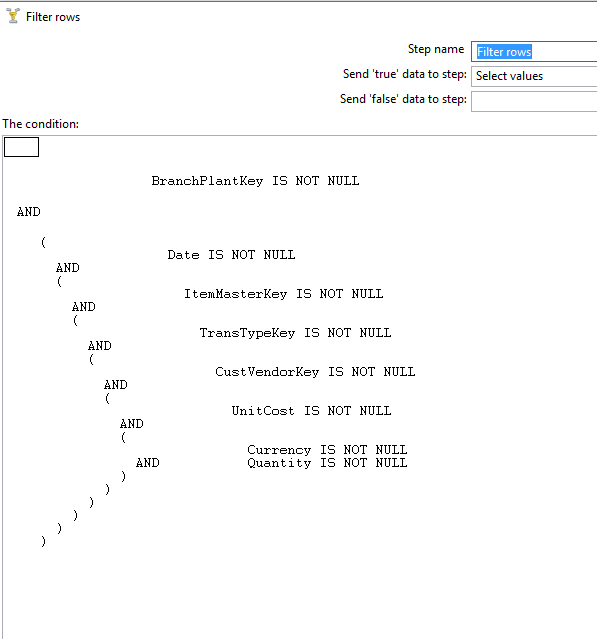
The problem describes the use of I have used Pentaho Data Integration Software and Oracle Database.

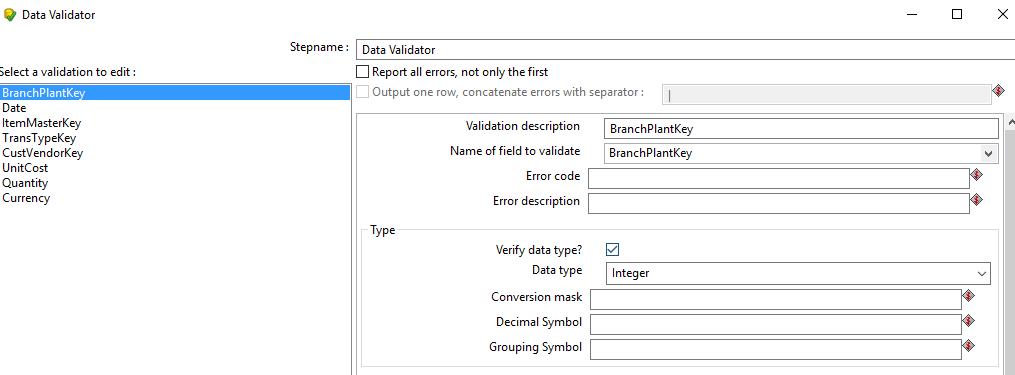
First of all Excel File was loaded n following things were checked:

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

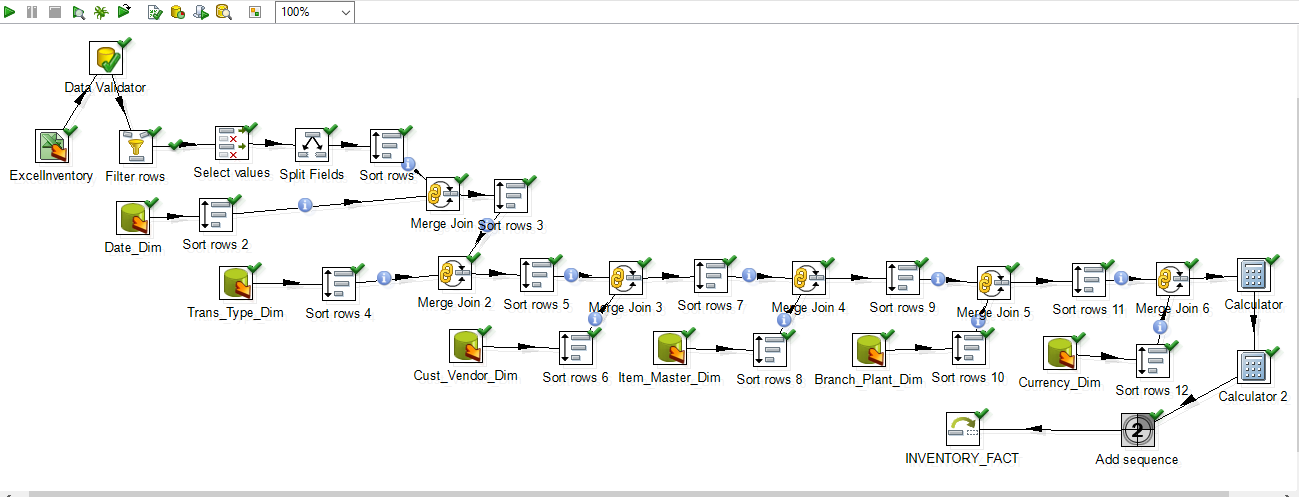
**Filter Rows**



**DataValidator (Check Data Type)**



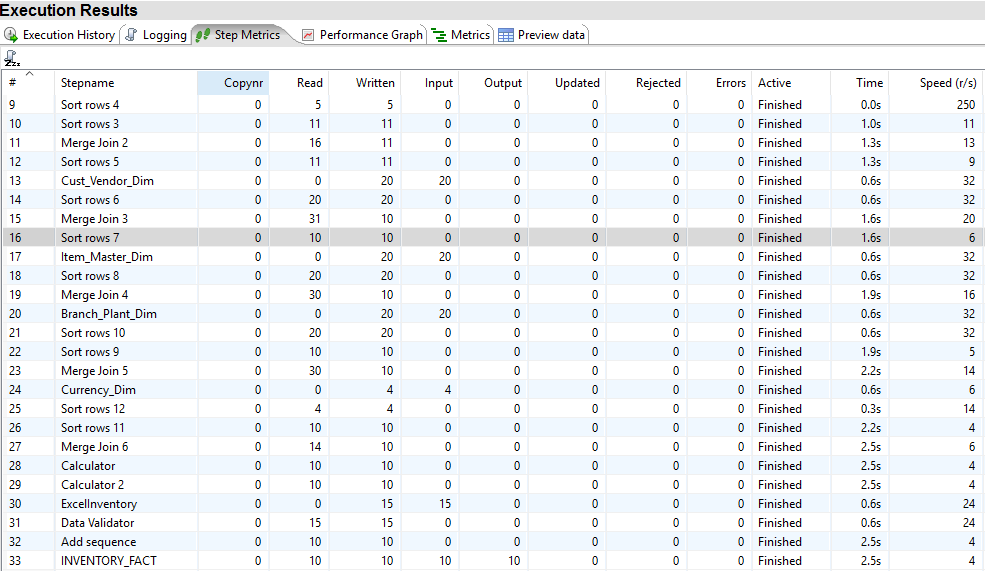
**Transformation:**



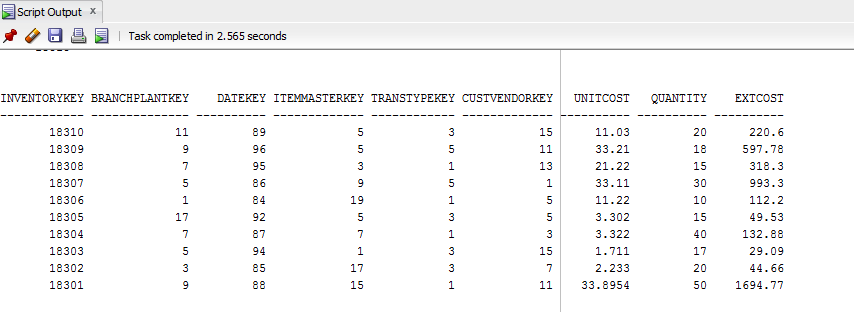
Here Calculator1, Does Unit\_Cost(To be inserted) = Unit\_Cost in Data Source \* Exchange\_Rate

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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