

Detrestage Tutorial and online

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uestion1:

iput:

ource, destination, km yd, bang, 1000 elhi, chennai, 1500 nennai, bang, 600 ang, hyd, 1000

bombay, pune, 1000 bang,chennai,600

Output:

source, destination, km hyd,bang,1000 delhi, chennai, 1500 chennai, bang, 600 bombay, pune, 1000

see here hyd to banglore distance is 1000km another rows is also banglore to hyd 1000km so need to delete rows like this.

Solution:

Kindly find the solution for this problem. There are so many different ways. This is, one of the way to get the

Source=>Sort=>RemoveDup=>Transformer=>Lookup=>Filter=>Target

Steps:

- 1. Read the Source Data.
- 2. Sort the Data on initial 2 columns.
- 3. Remove duplicate values (If Any) on initial 2 columns.
- 4. Pass 2 output links from transformer.

One Link-> Master Link

Col1=> Source

Col2=> Destination

Col3=> Distance

2nd Link => Refrence Link

Col1=> Destination

Col2=> Source

Col3=> LkpChk (With Default Value = 1)

5. Lookup the master link with the reference link.

with Col1=Col1 and Col2=Col2

Output from lookup is

One Link-> Master Link

Col1=> Source

Col2=> Destination

Col3=> Distance

Col4=> LkpChk(If Lookup found =1 Else you will get Null)

6. Filter the data only for (LkpChk <> 1)

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Sandhya · 2 months ago

Dev ur soln to this doesn't give the correct answer. It removes both the records. Or maybe I'm missing few steps further.

I tried Gautham's soln as well. And that works :) Thanx a lot everyone for sharing ur knowledge :D



Gautham Kondapaneni • 4 months ago

Source -> Transformer -> RemoveDuplicates -> Target

In the transformer add another column to the target, called route. The derivation for it (If DSLink4.Source < DSLink4.Destination : DSLink4.Distance Else DSLink4.Destination : DSLink4.Source : DSLink4.Distance).

In the remove duplicates stage specify the key as the new column.

1 ^ V · Reply · Share



Sathi - 5 months ago

Col3=> LkpChk (With Default Value = 1) i did not understand can u send logic for this if posssible can u explain this

∧ V • Reply • Share >



Devendra Kumar Yadav Mod → Sathi - 5 months ago

And any one of the second of t

Point 4. Pass 2 output links from transformer.

One Link-> Master Link

Kindly find the derivation:

Col1=> Source

Col2=> Destination Col3=> Distance

2nd Link => Refrence Link

Col1=> Destination

Col2=> Source

Col3=> LkpChk (With Default Value = 1)

Create Col3 in 2nd link and pass the default value=1 in transformer.

Which will go to Lookup stage, as a reference link.

Let me know, If you have still any doubts on this logic.

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jithin → Devendra Kumar Yadav · 2 months ago

in this case both hyd-bang and bang-hyd will get delete. Am i rit?

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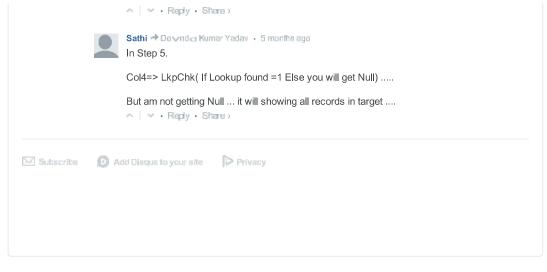
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