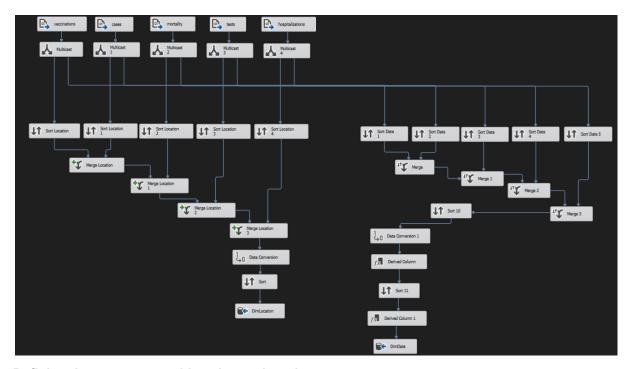
Dimension Tables Creating

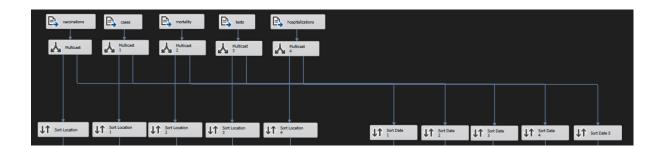
Aim of the process

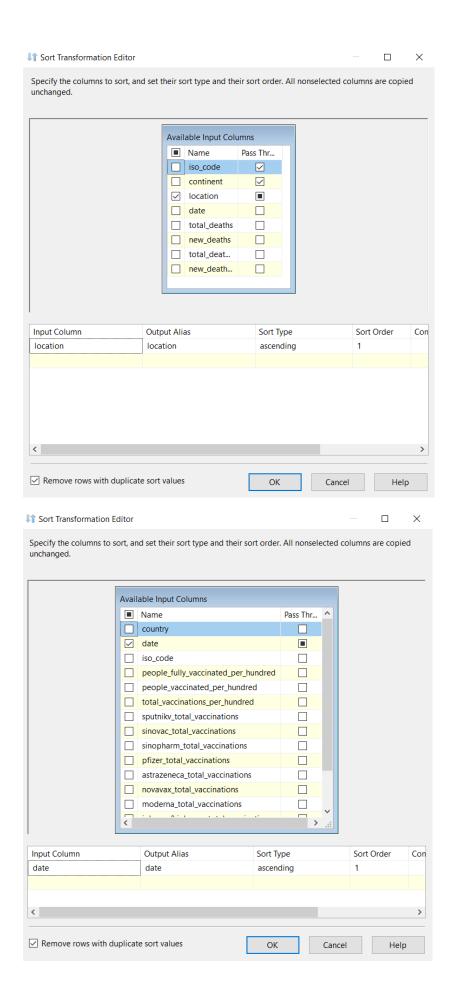
The goal is to create Dimension Tables (DimLocation and DimDate). The whole data flow at this stage is shown below:



Defining data sources, multicasting and sorting

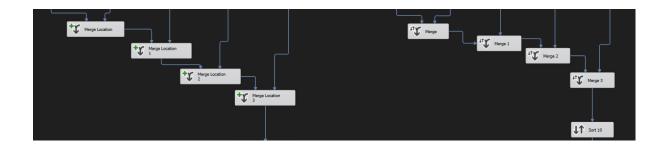
Data are obtained from files preprocessed by python script, then split and sorted by location or date. During sorting only the column needed for the respective dimension tables were retained:

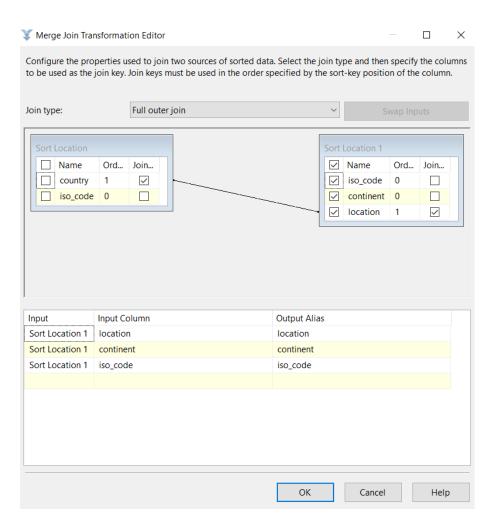


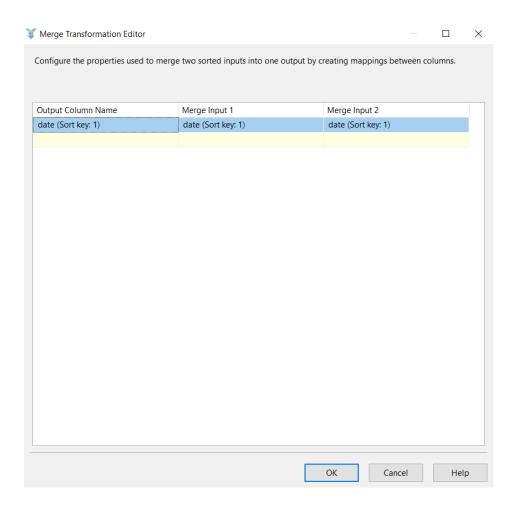


Merge, Merge Join

Data are merged using Merge Join with 'Full outer join' join type for the location data, and using Merge for the date data:







Data Conversion, Derived Column, Final Destination

Data are converted to the appropriate data types, sorted and then exported into appropriate database tables (created previously using SQL scripts) with the surrogate keys. For date data, new columns containing day, month, quarter, and month name are also created:



