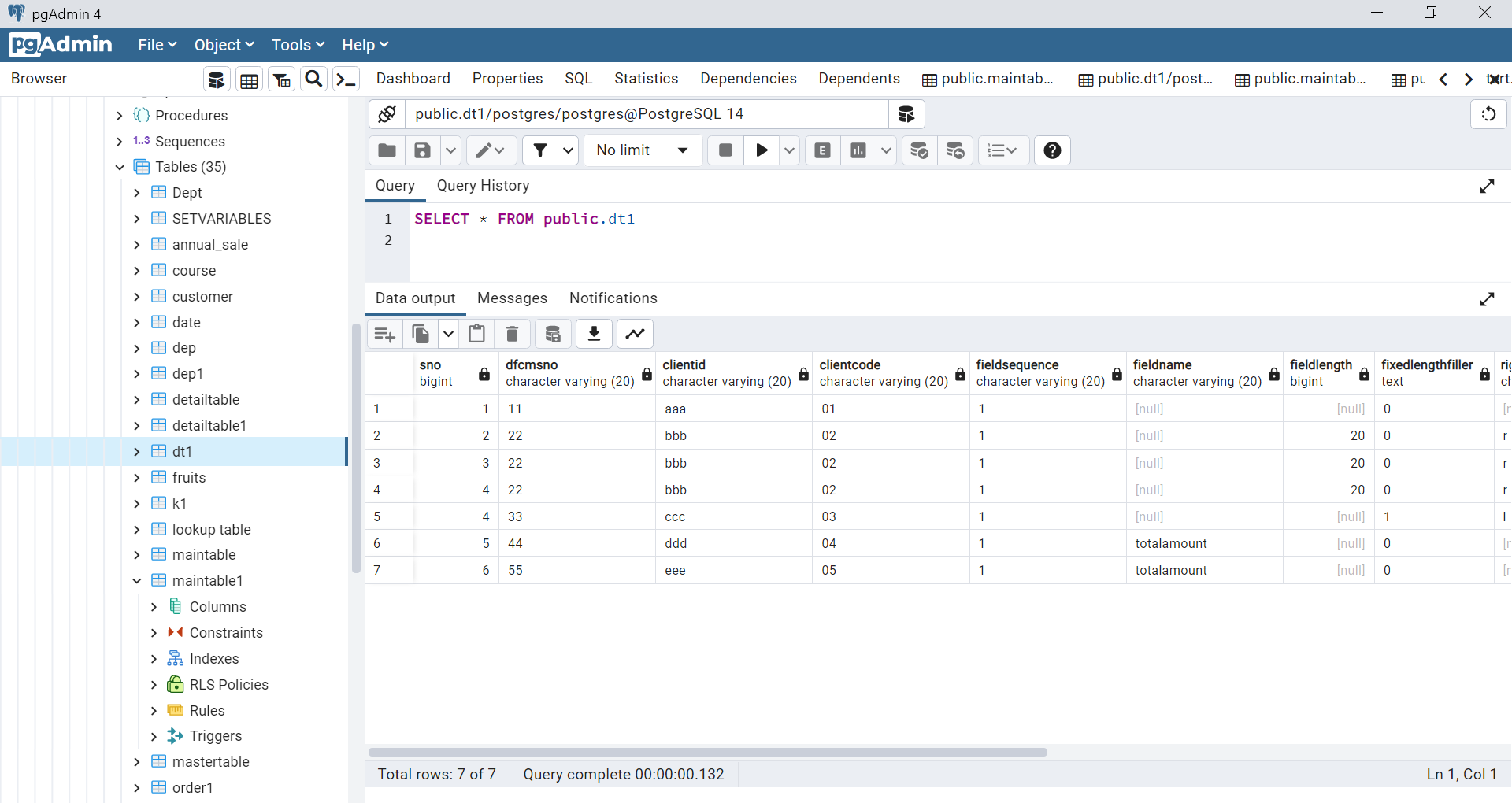
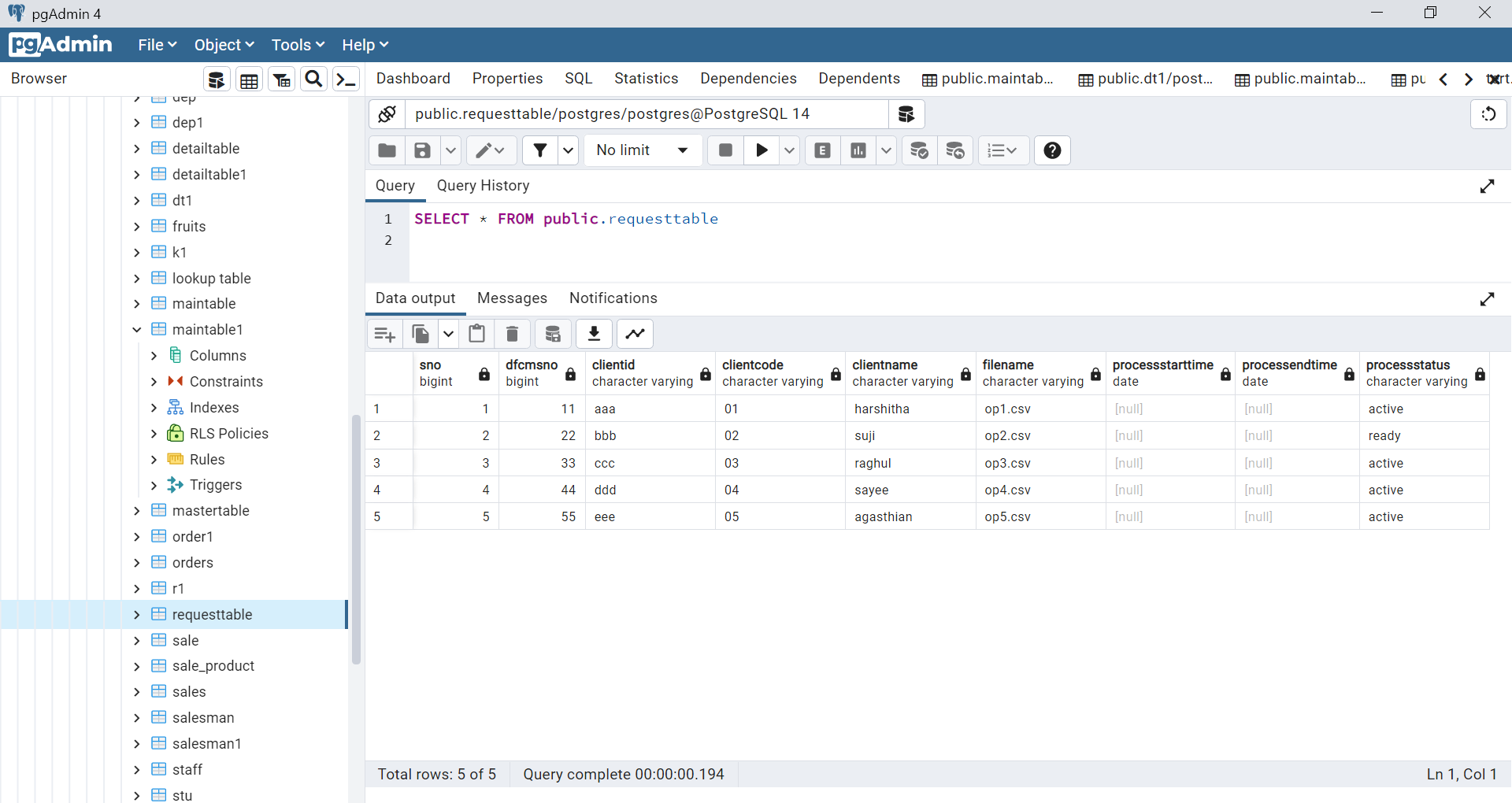
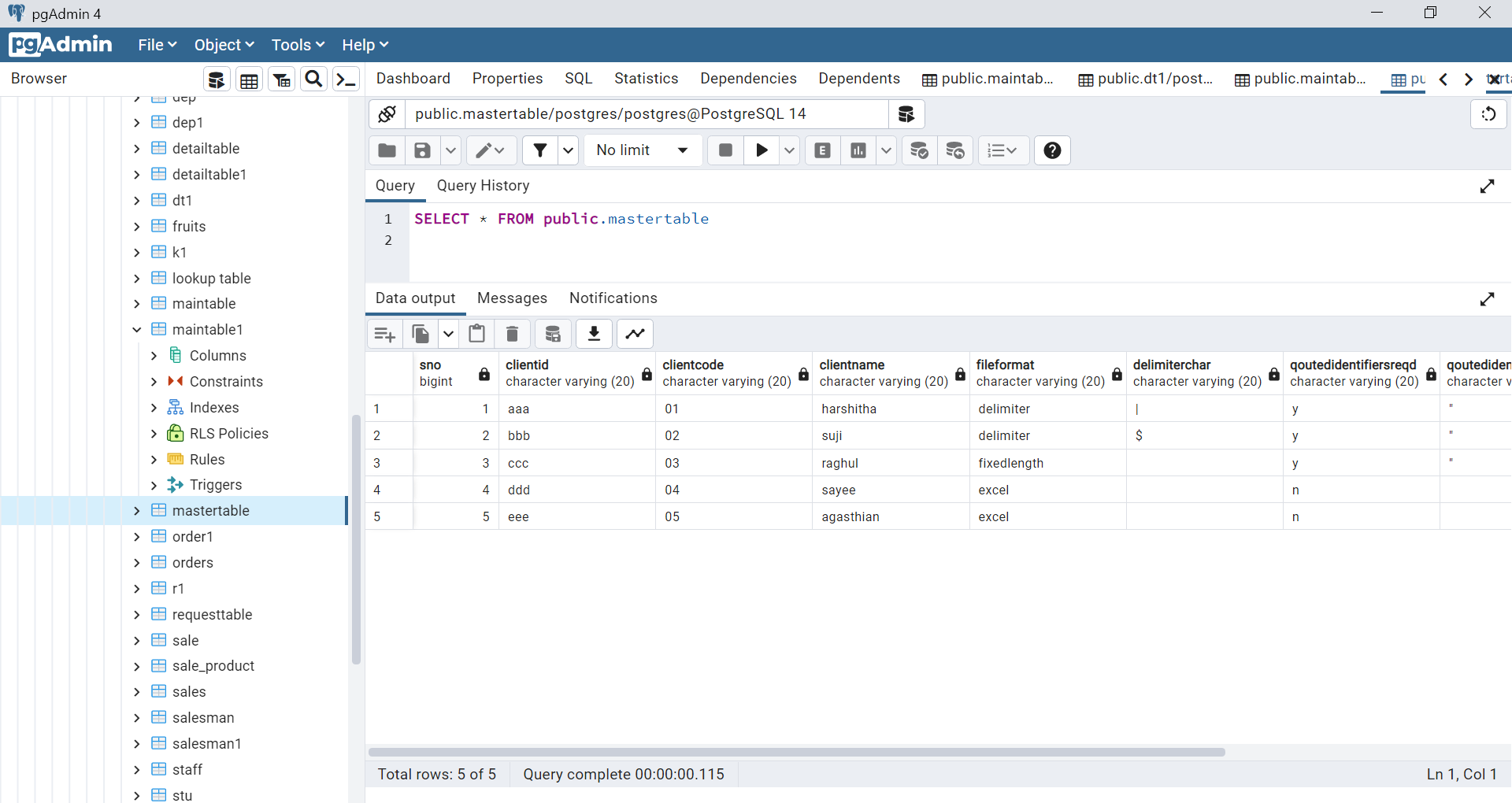
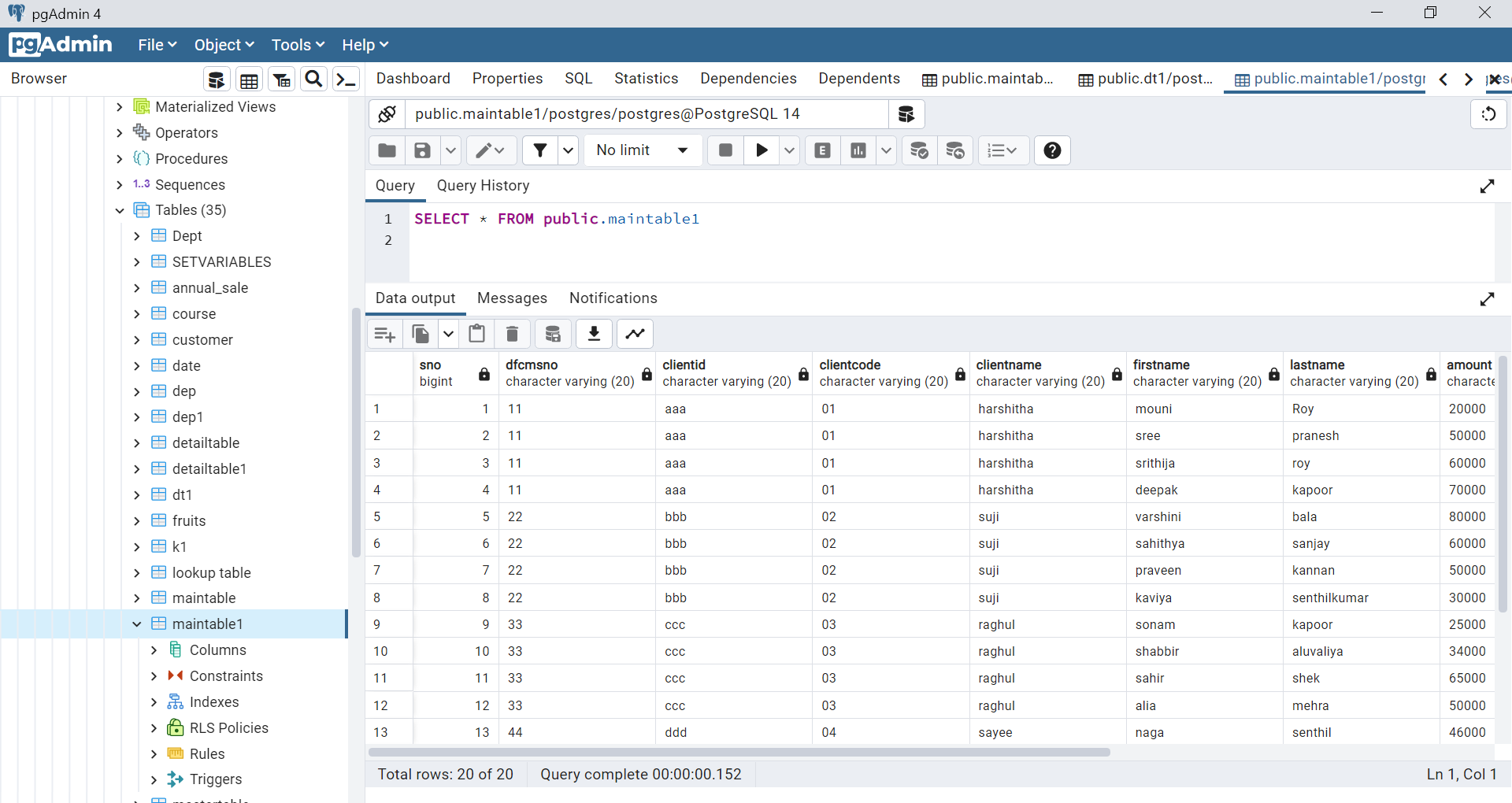
ETL

We have four tables namely Main table, Master table, detail table, request table. Listed below are the tables with dummy data.



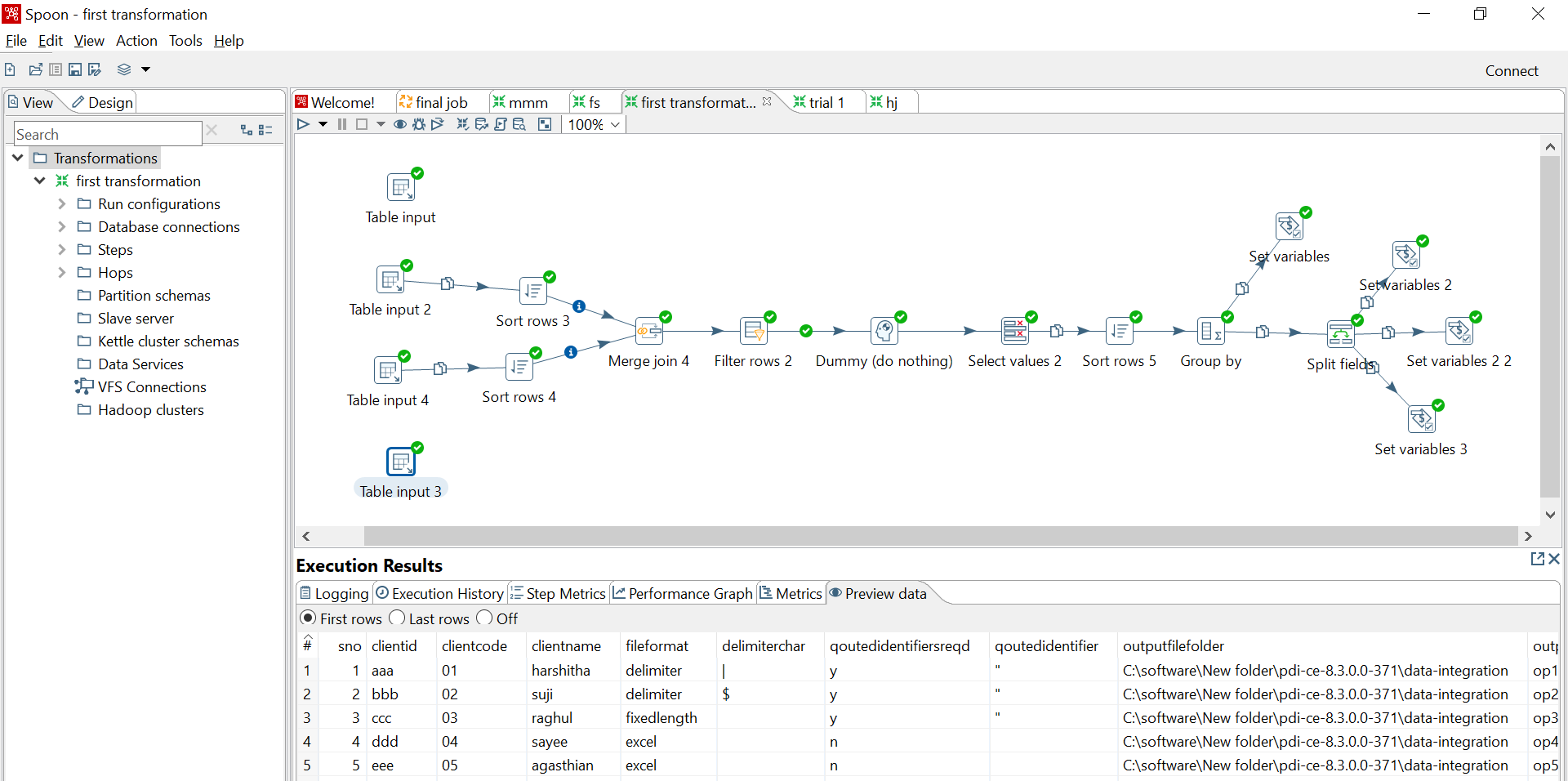


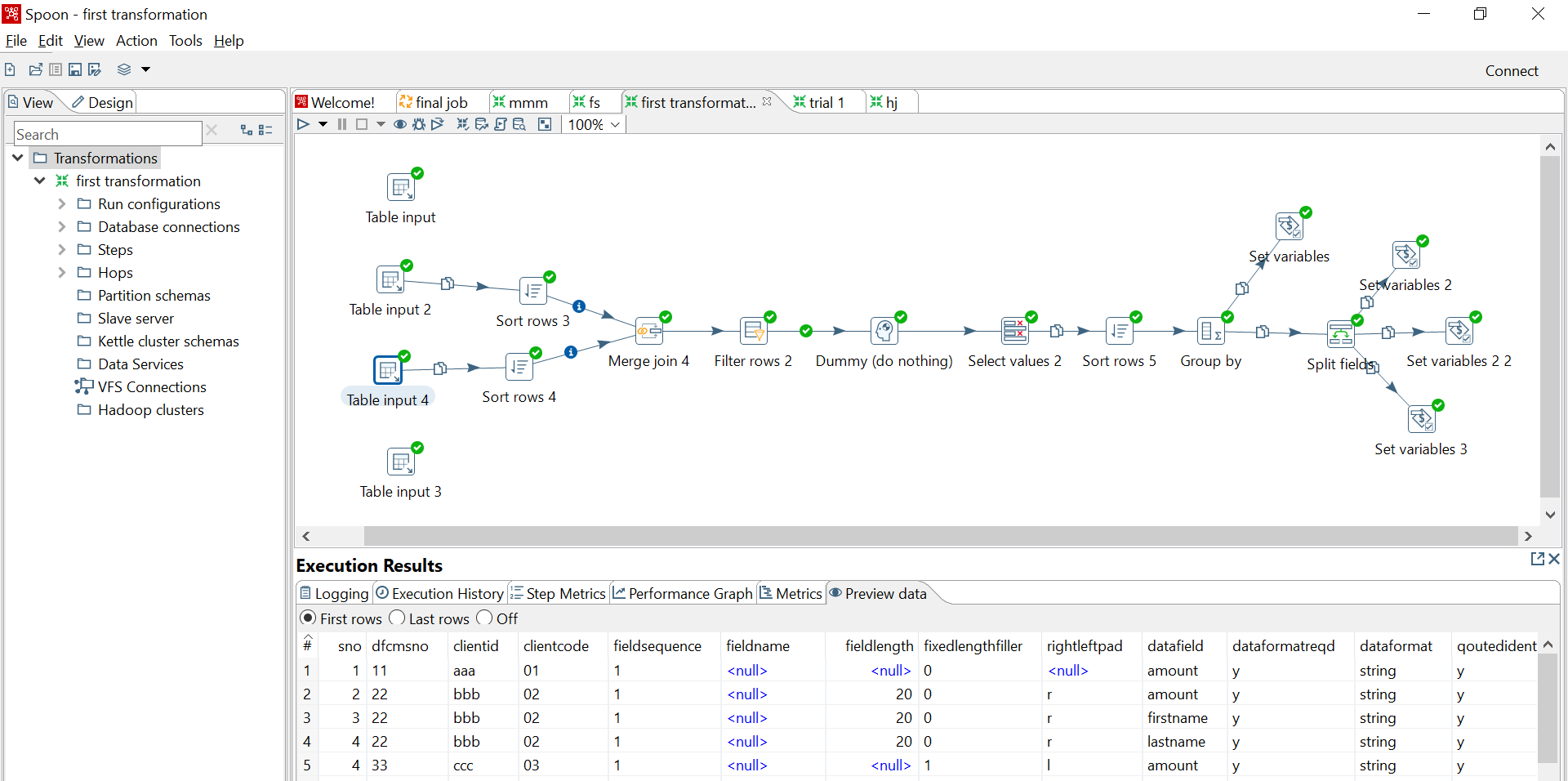


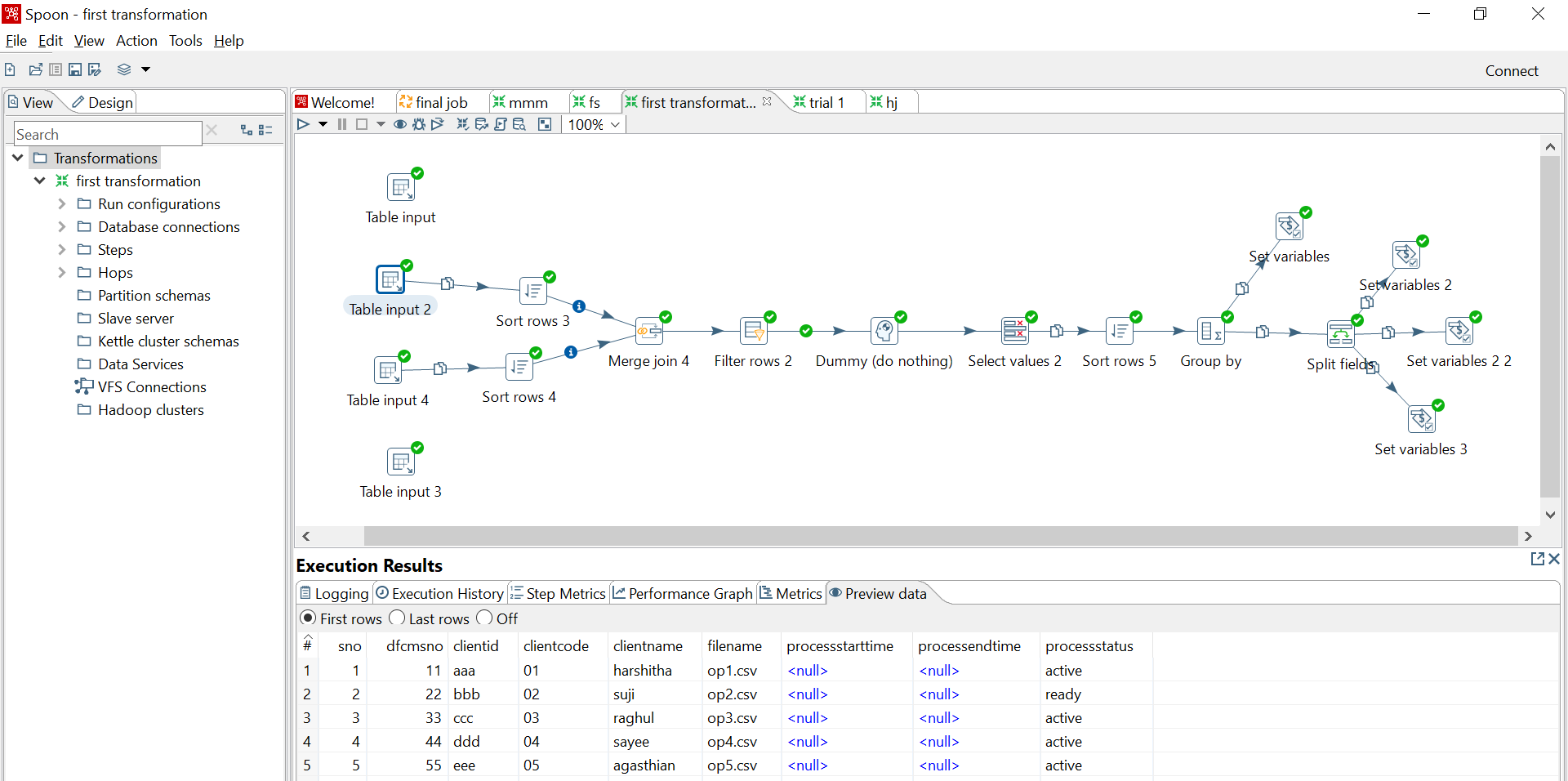


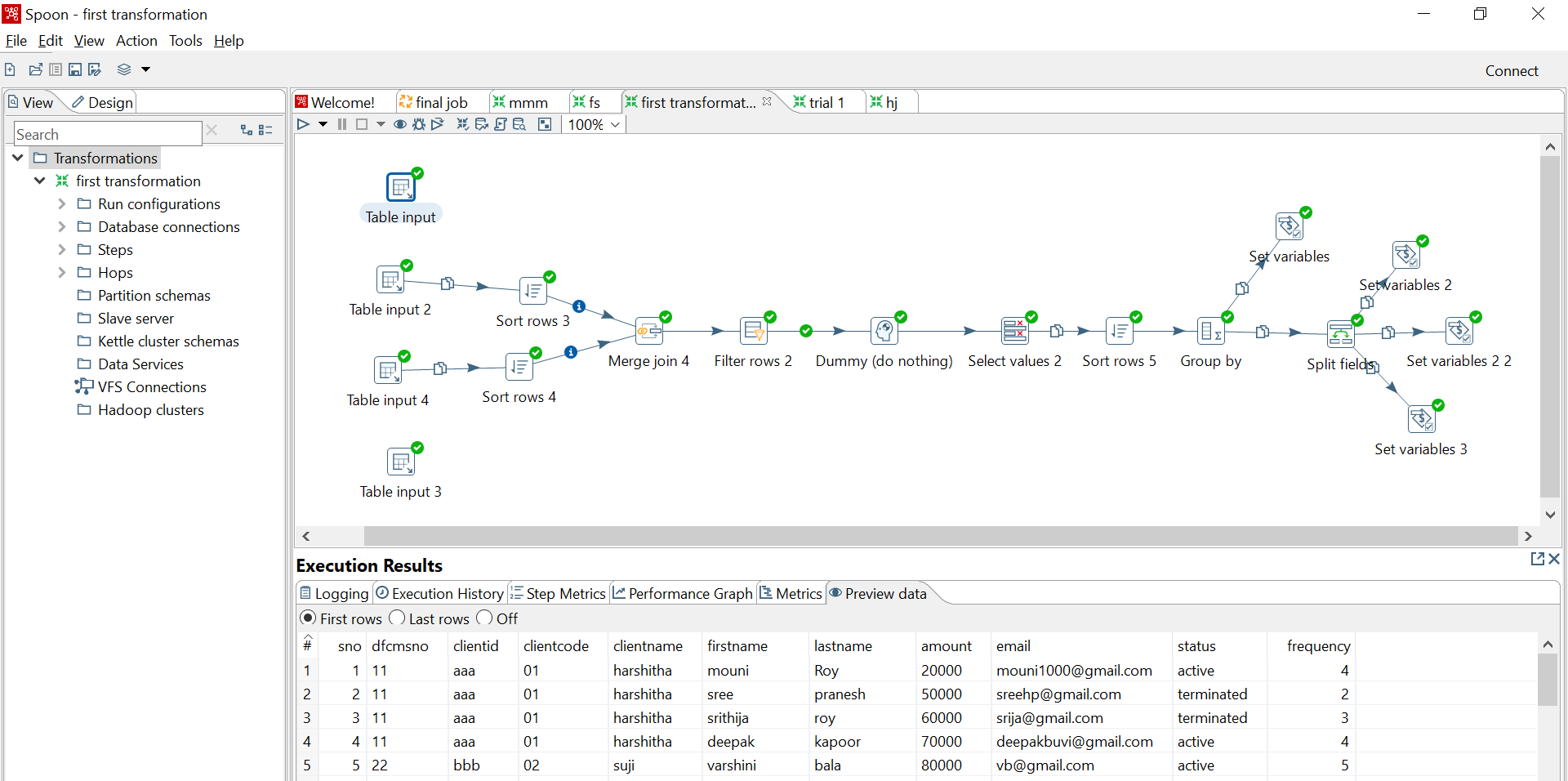
Pentaho Data Integration:

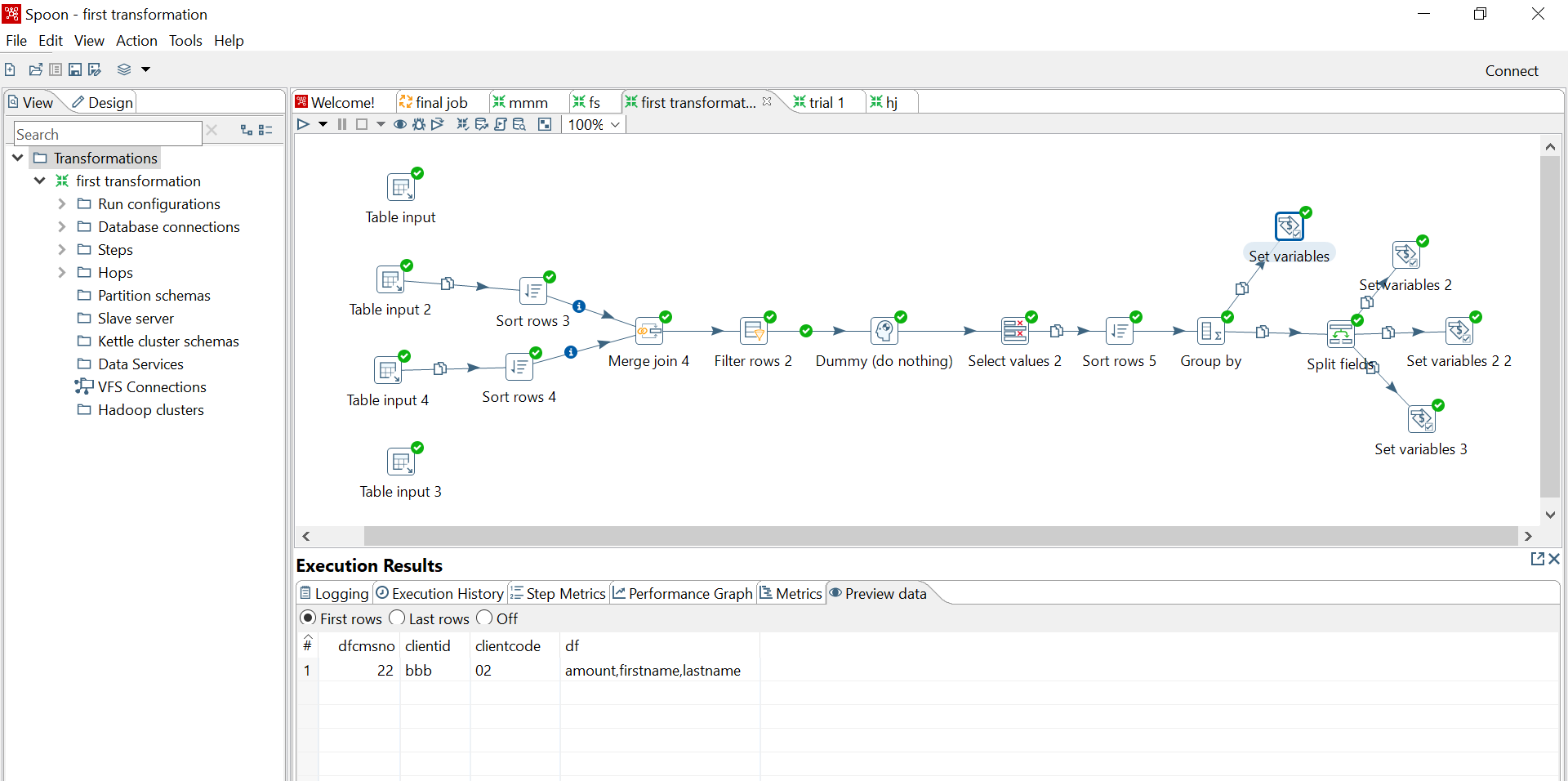
First we fetch those four imported files from PgAdmin to Pentaho tool, Then we Kind of sort and filter it based on our Requirements



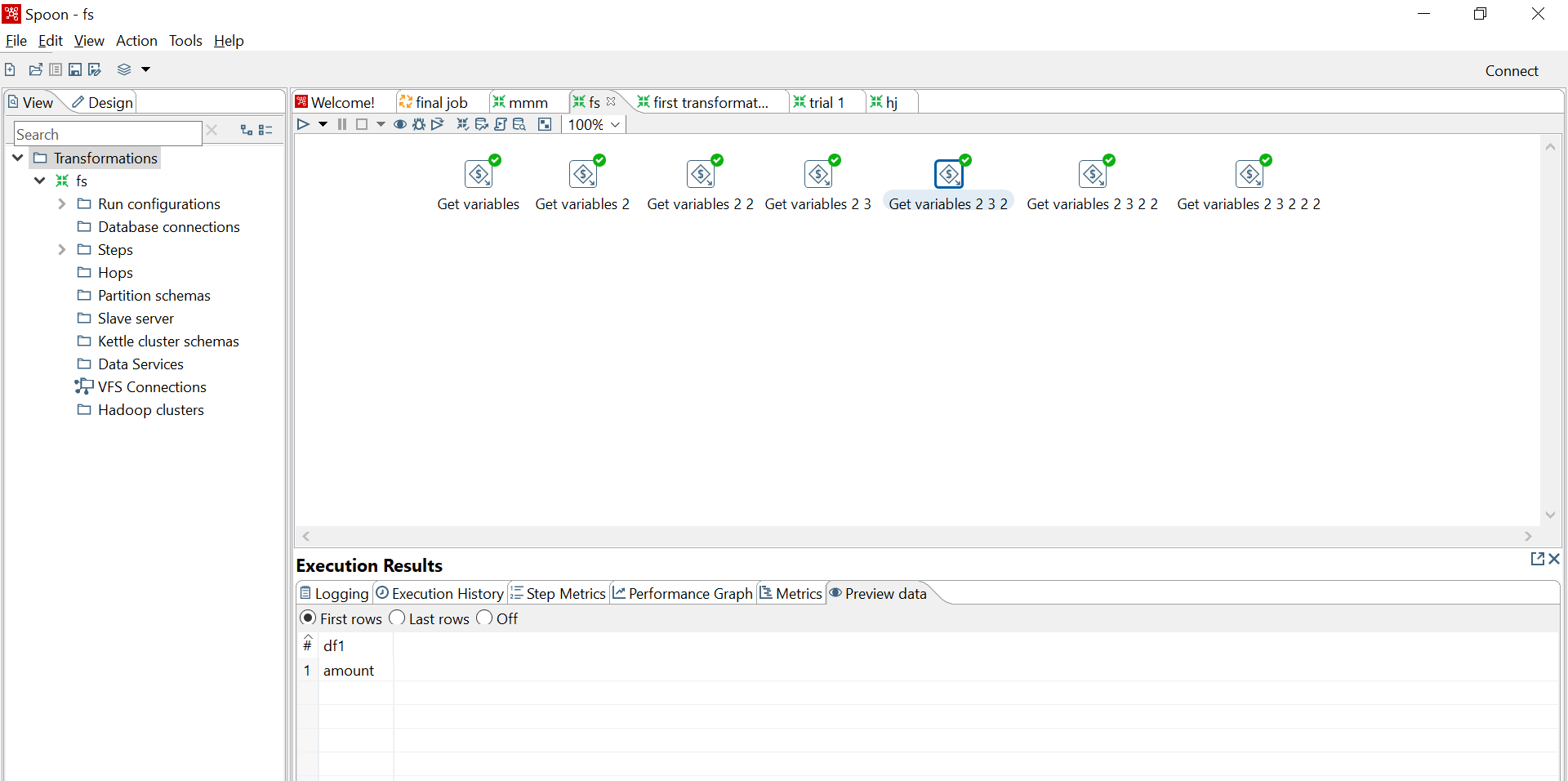


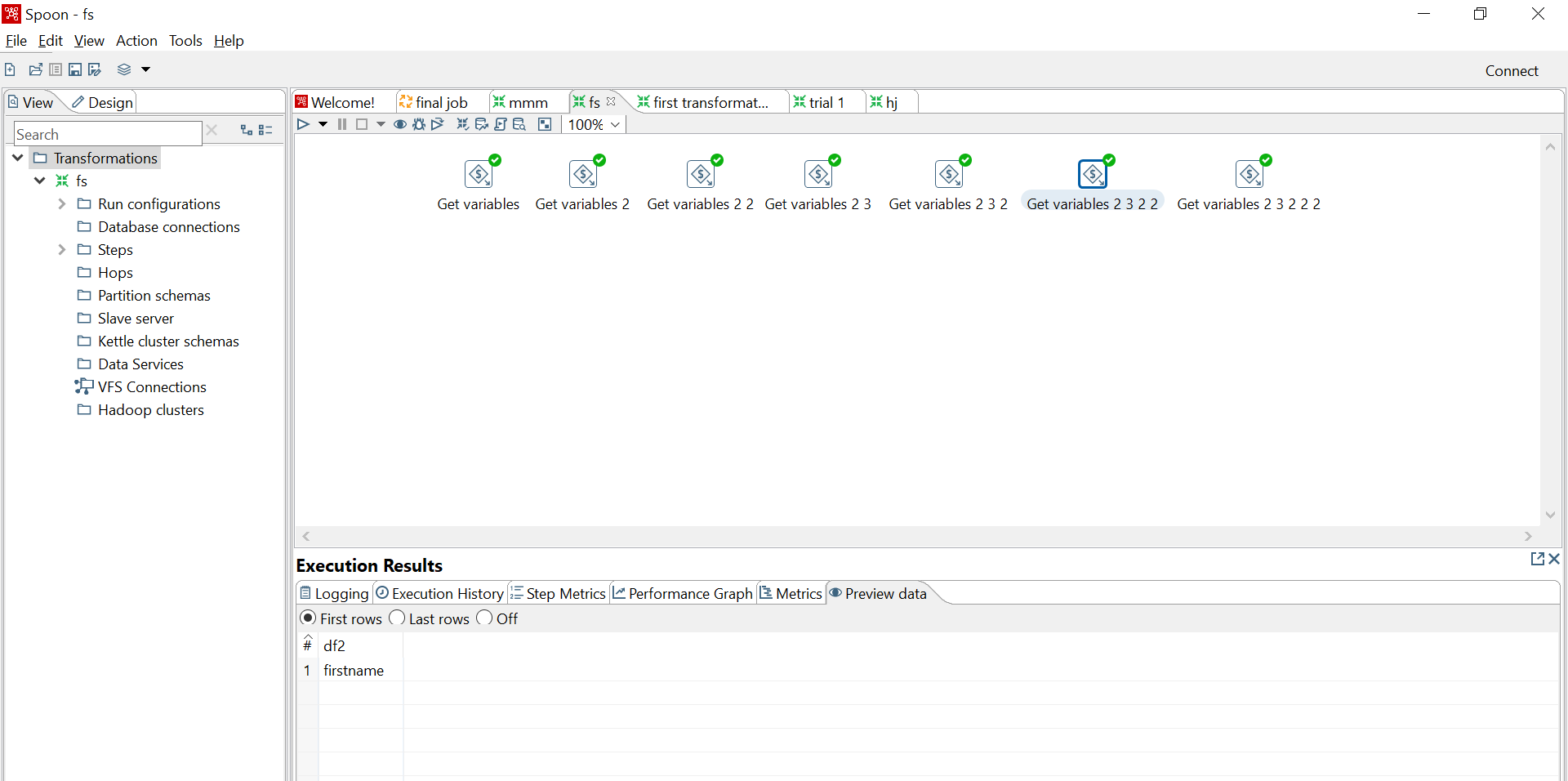


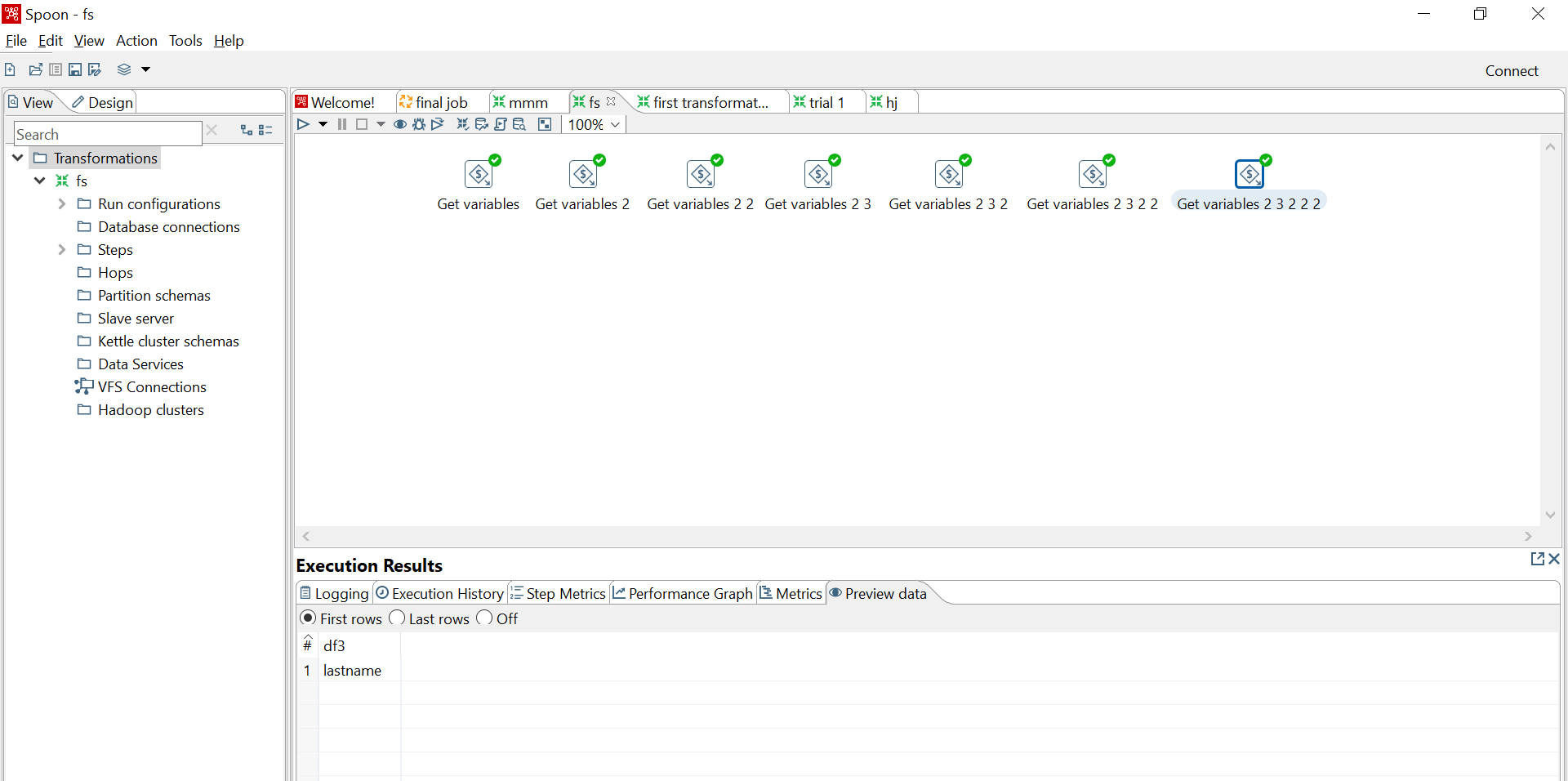




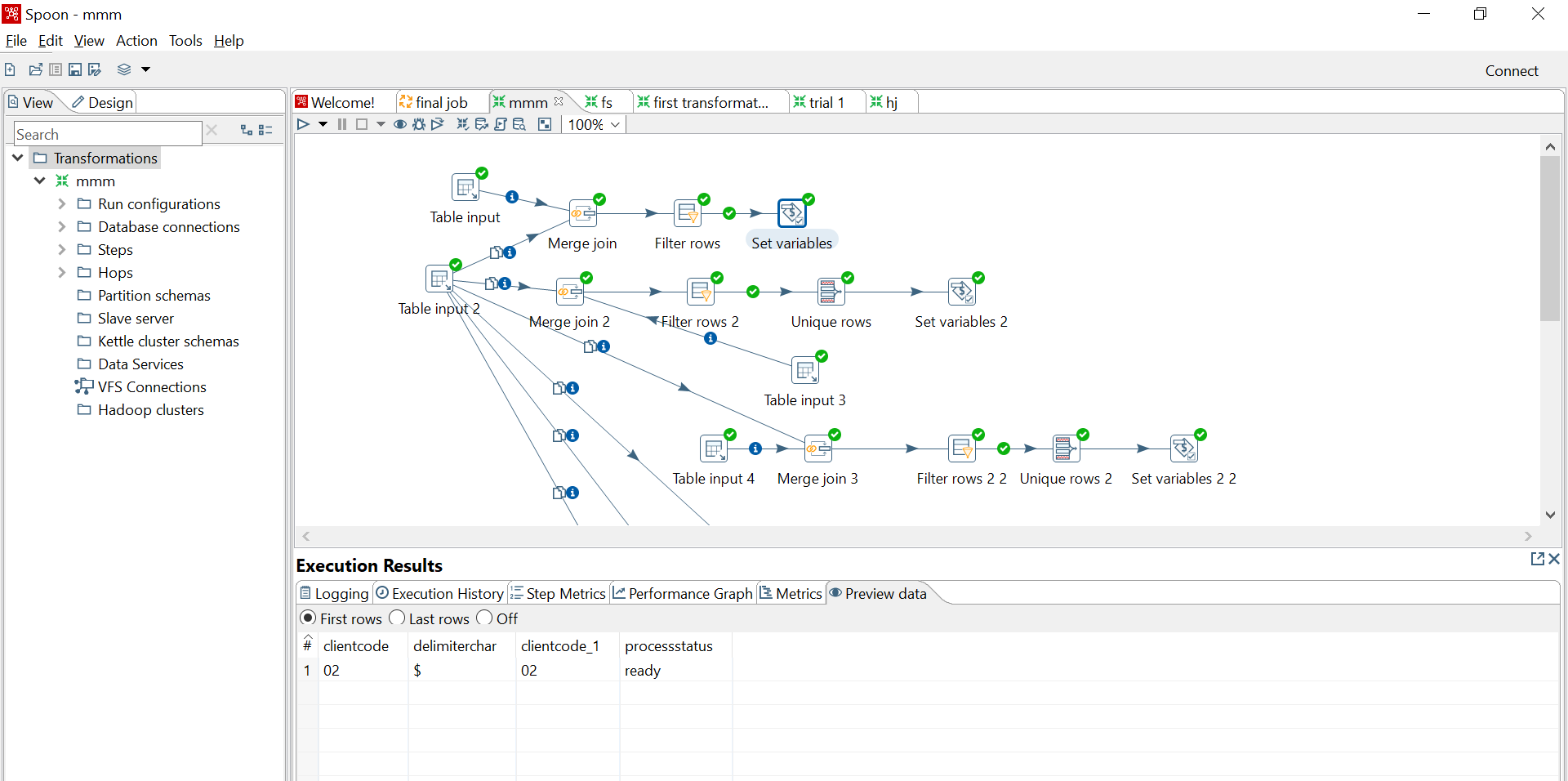
Now we are getting separate variables to pull those data field column in every other part of the transformation

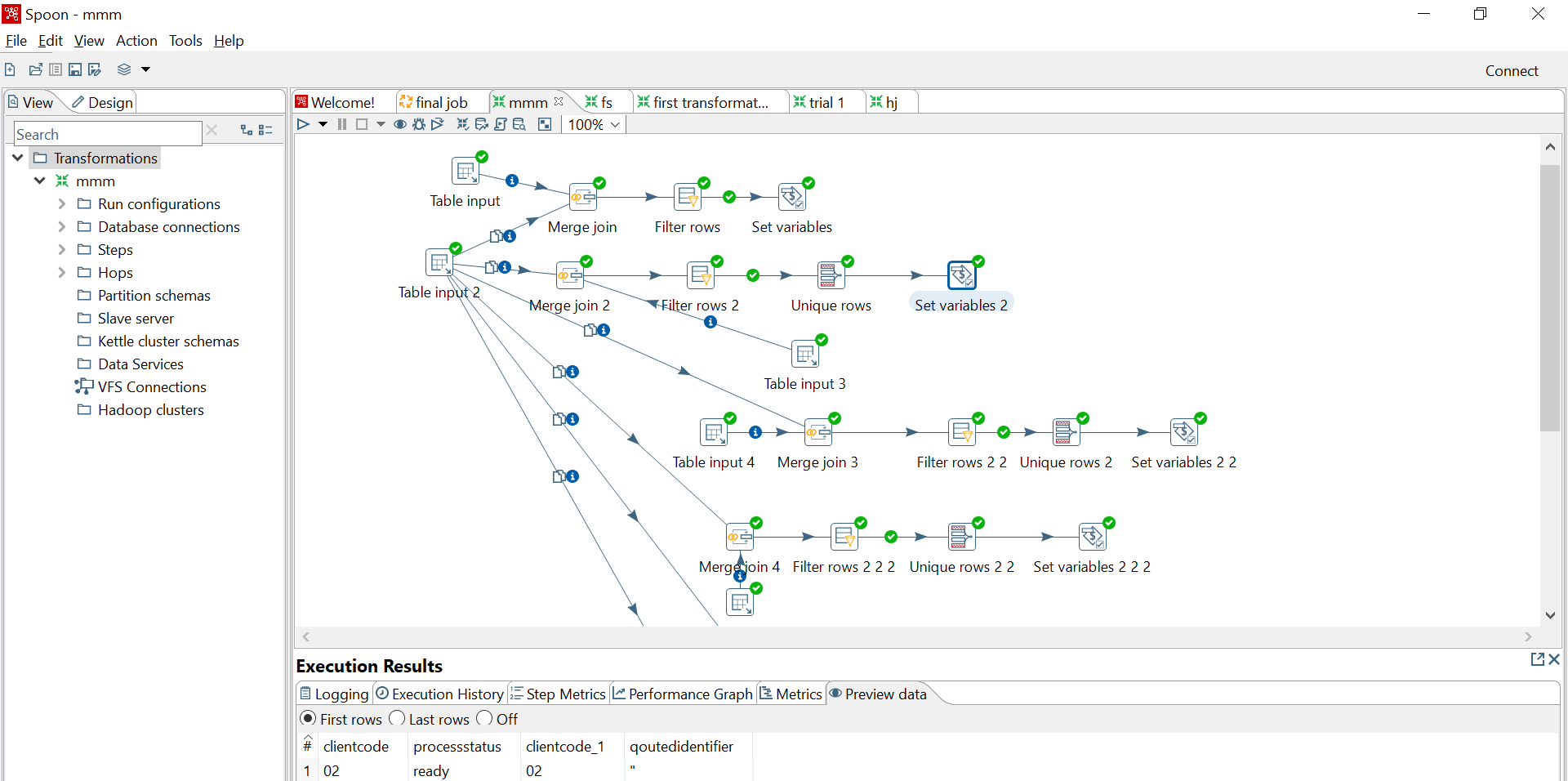


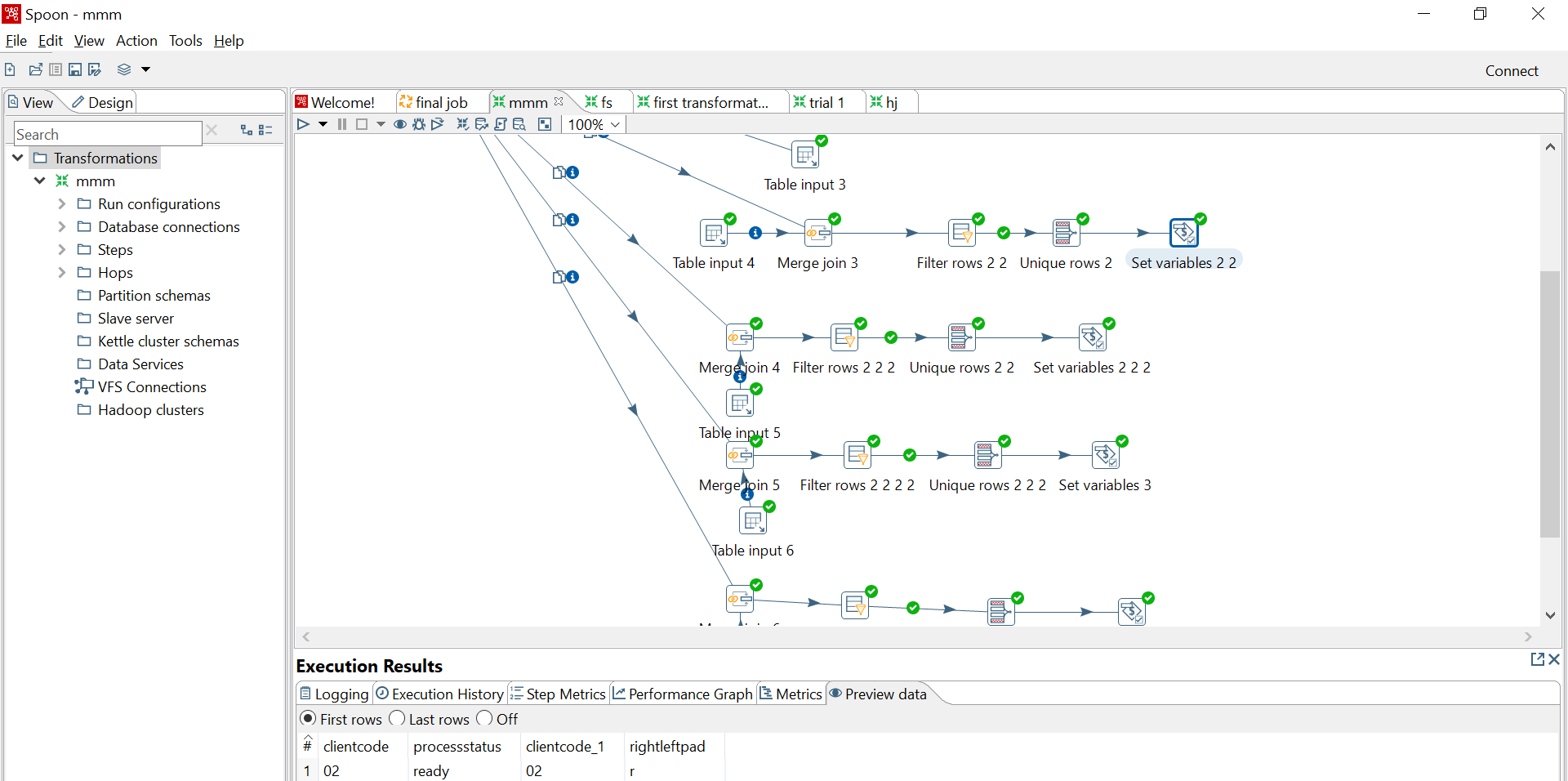


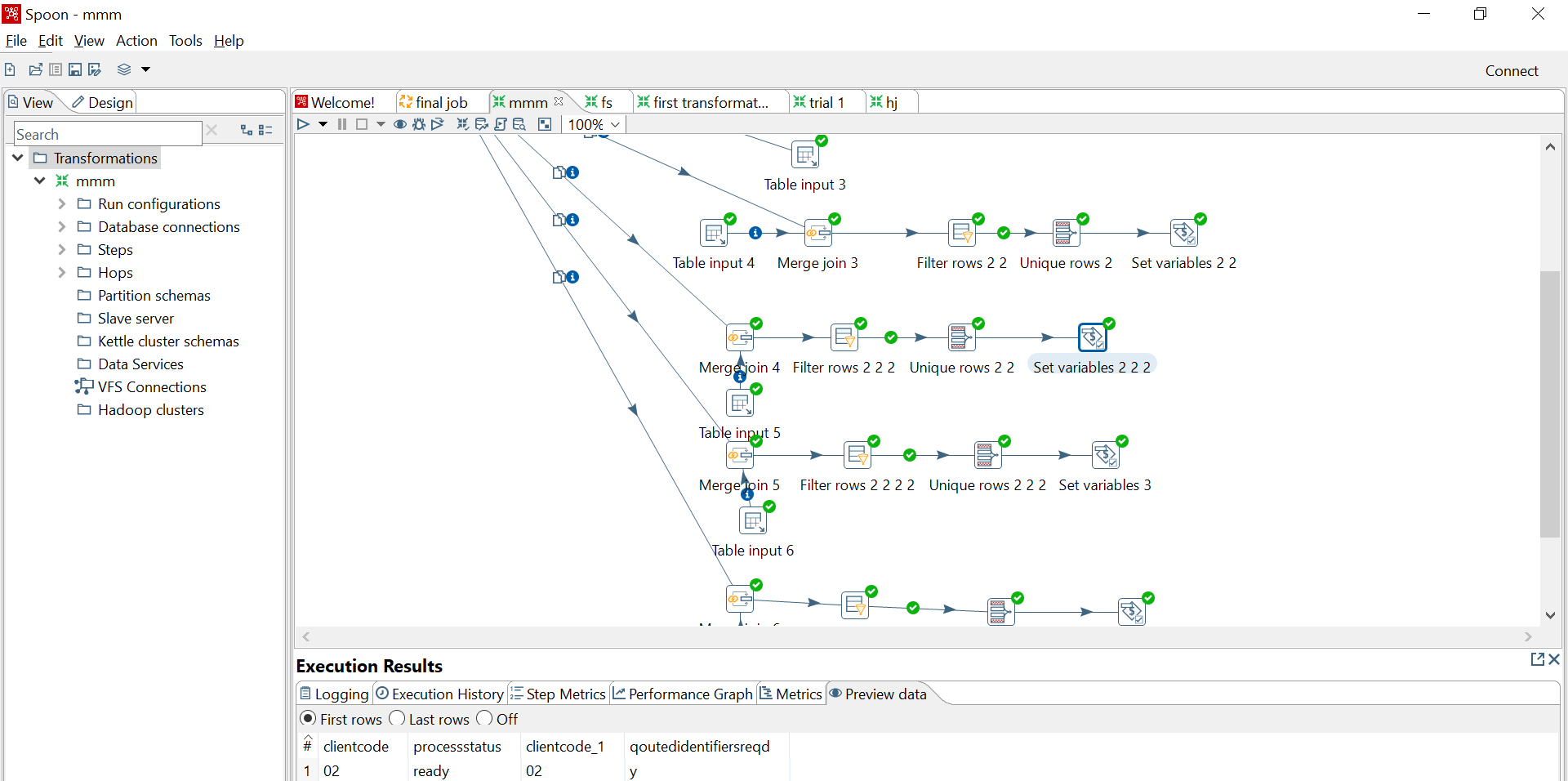


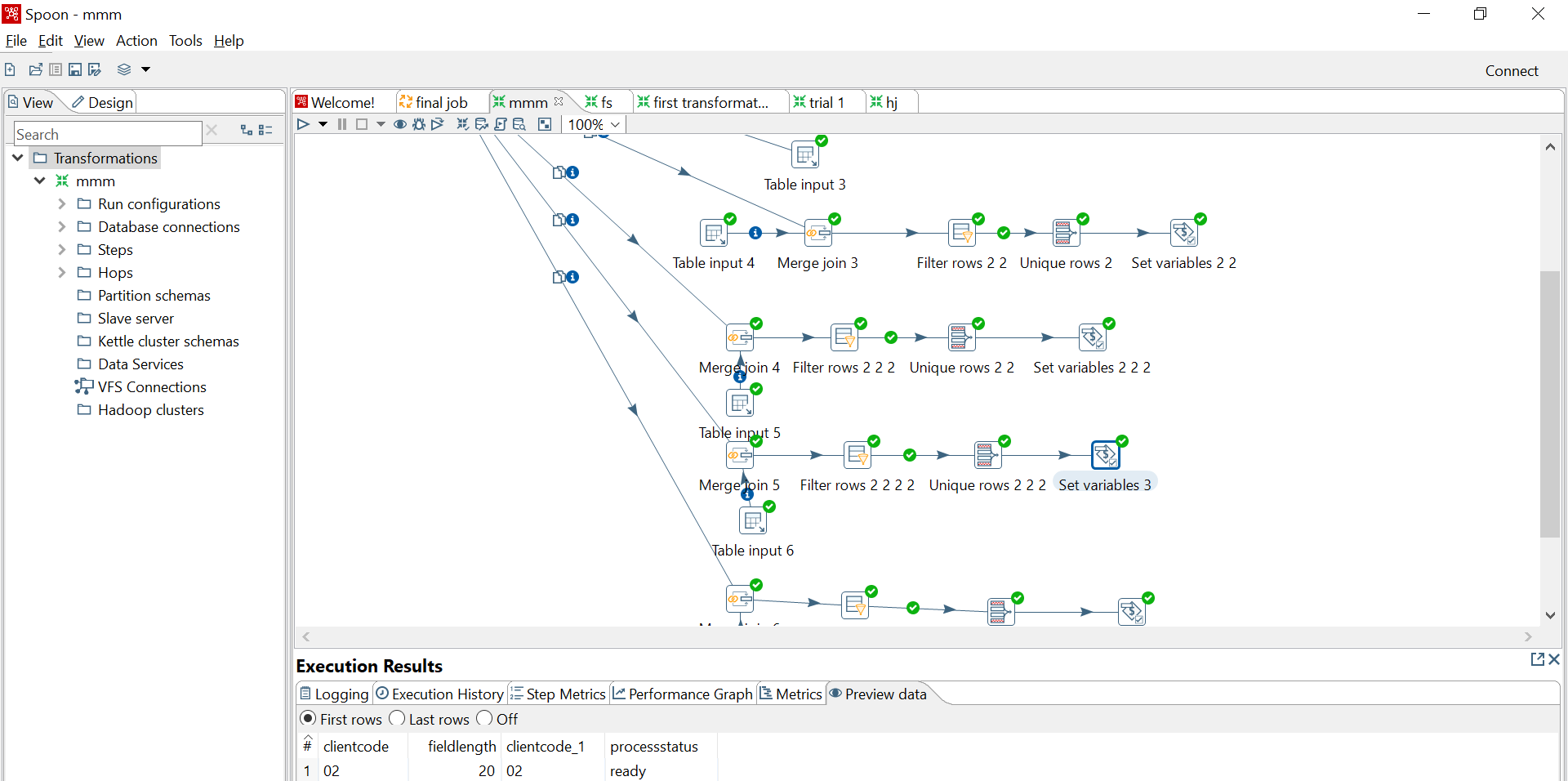
Then we are setting variables to pull certain requirement related data like padding, Fixed length fillers, qouted identifiers required or not etc

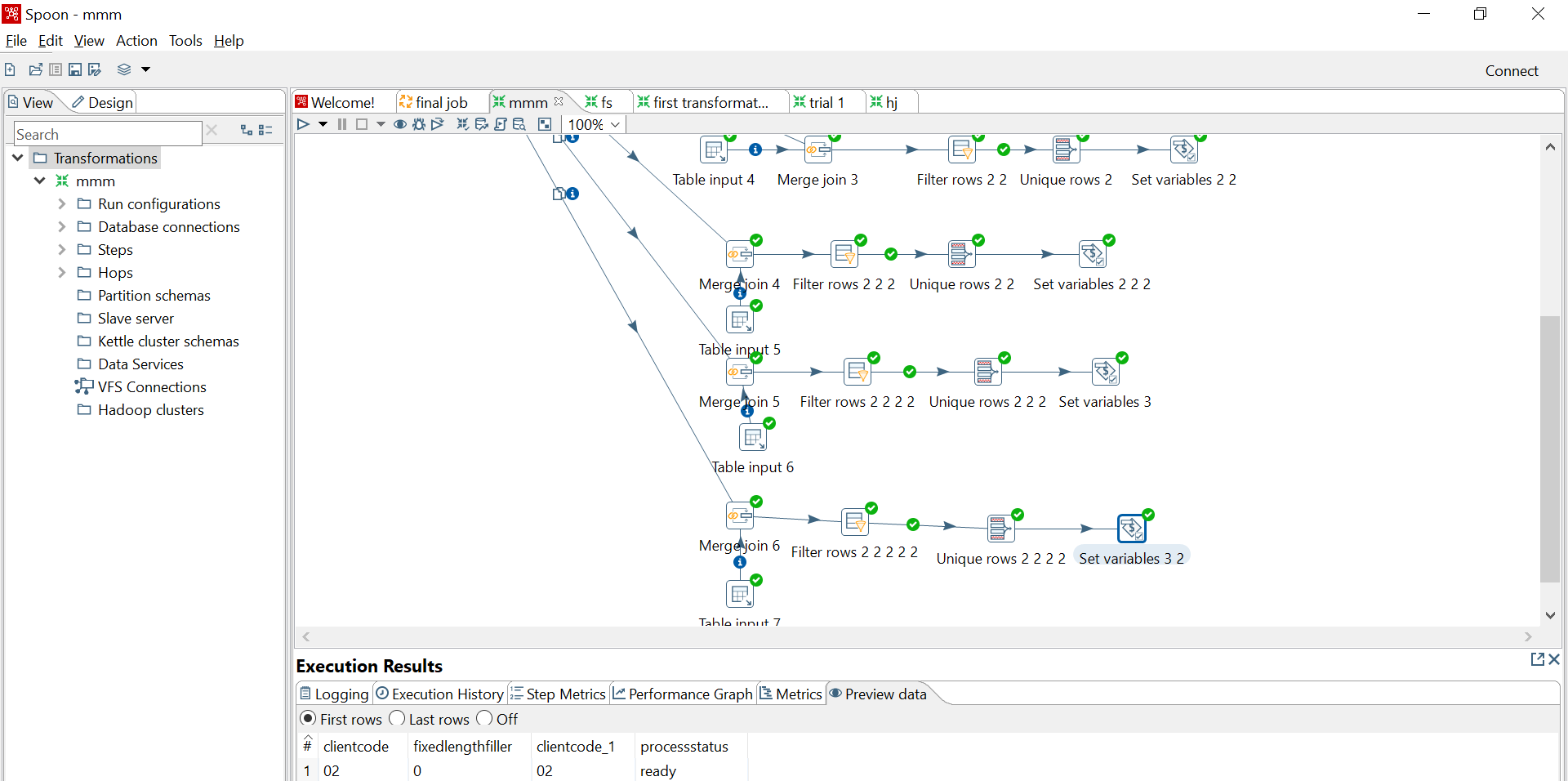




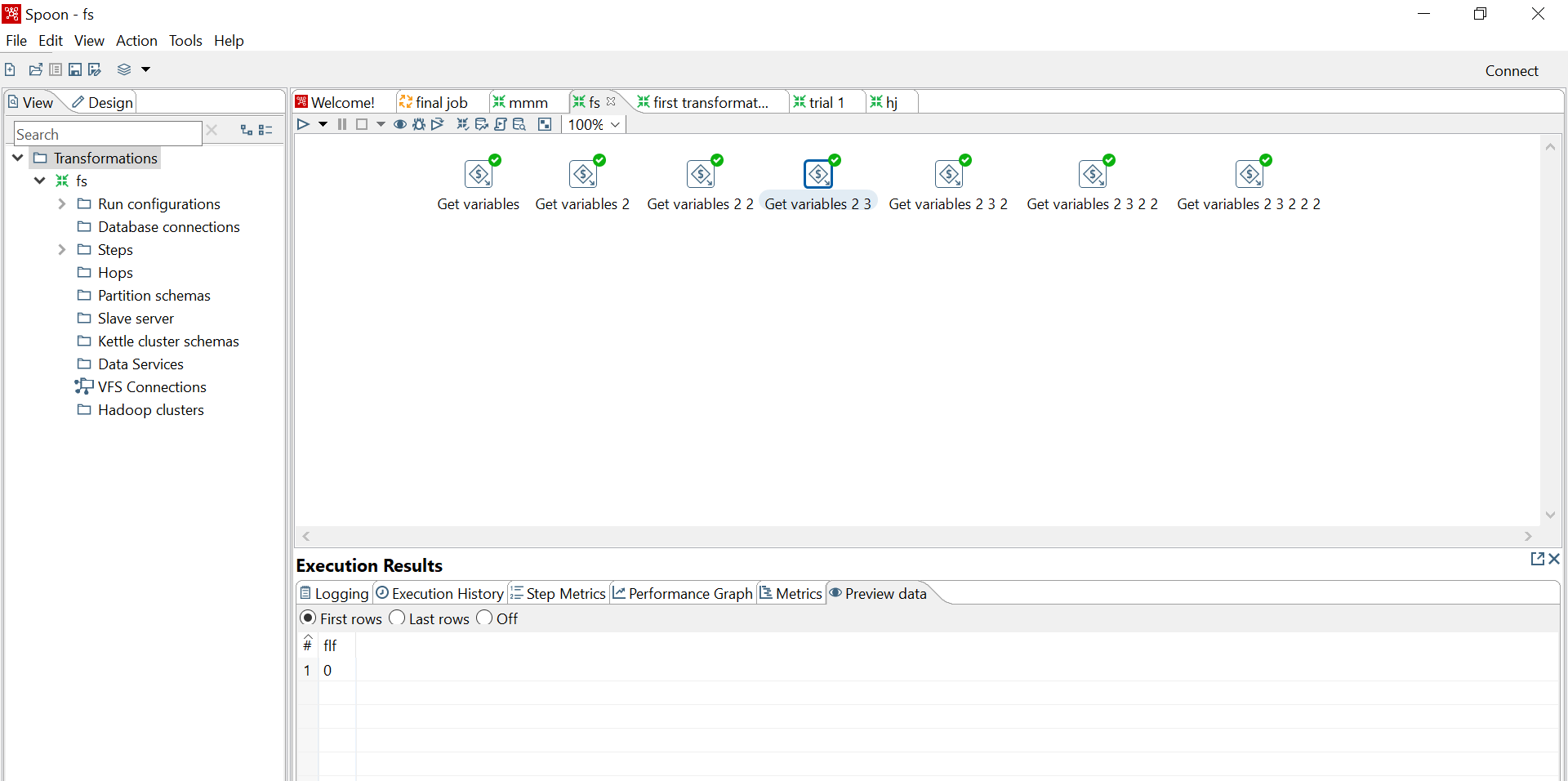


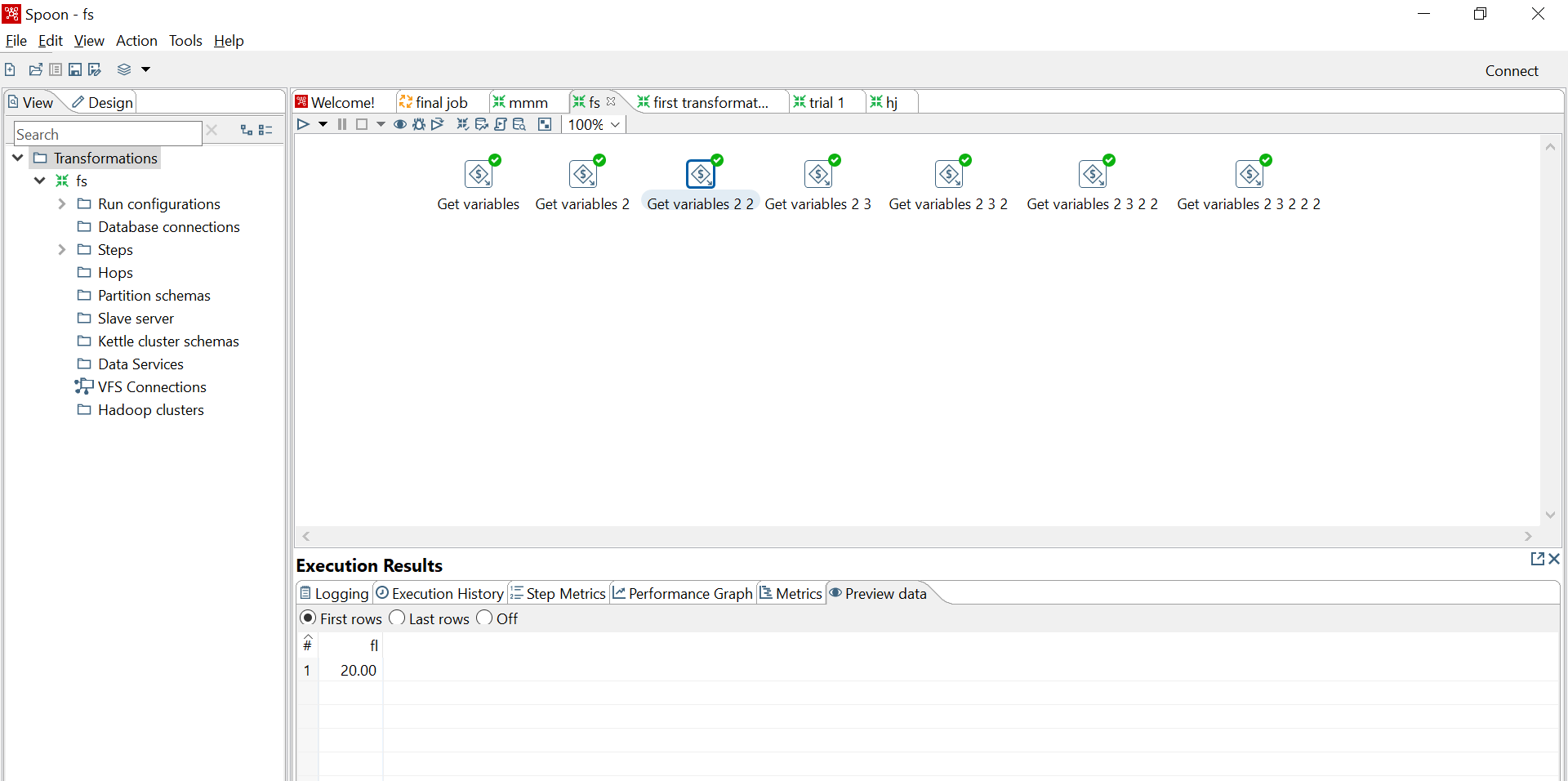


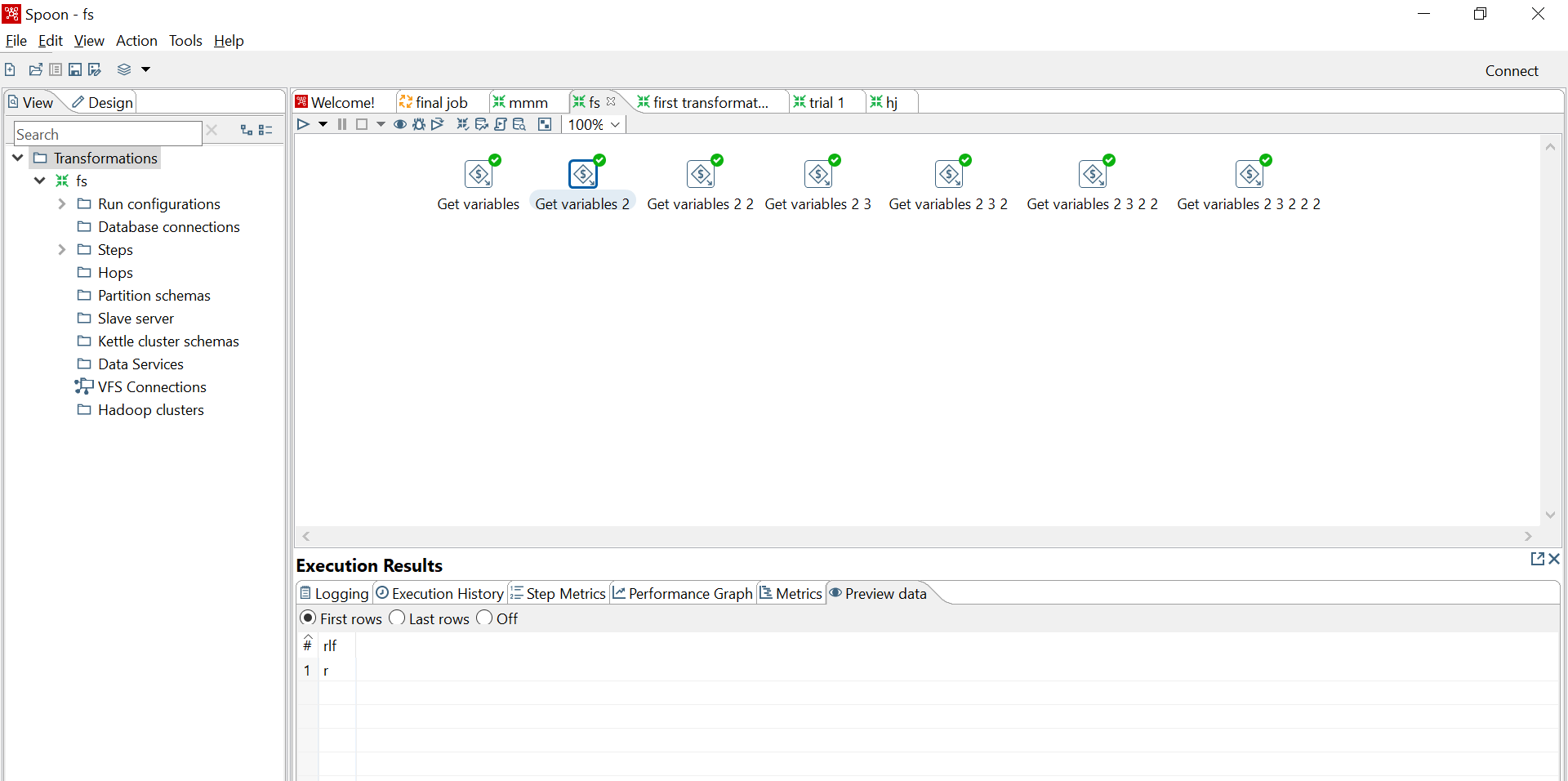


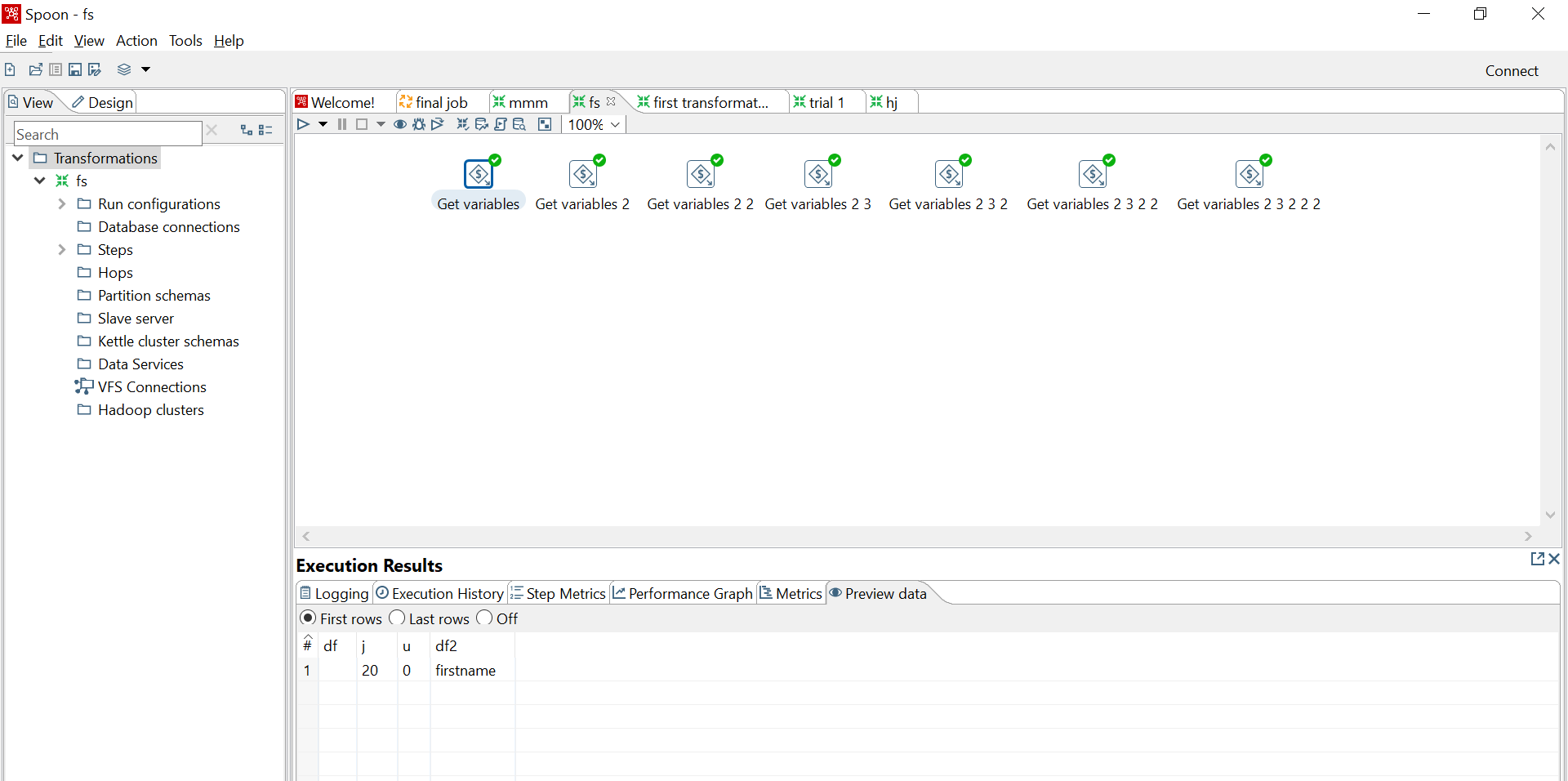


Now we have to get those variables to fetch those data in columns automatically

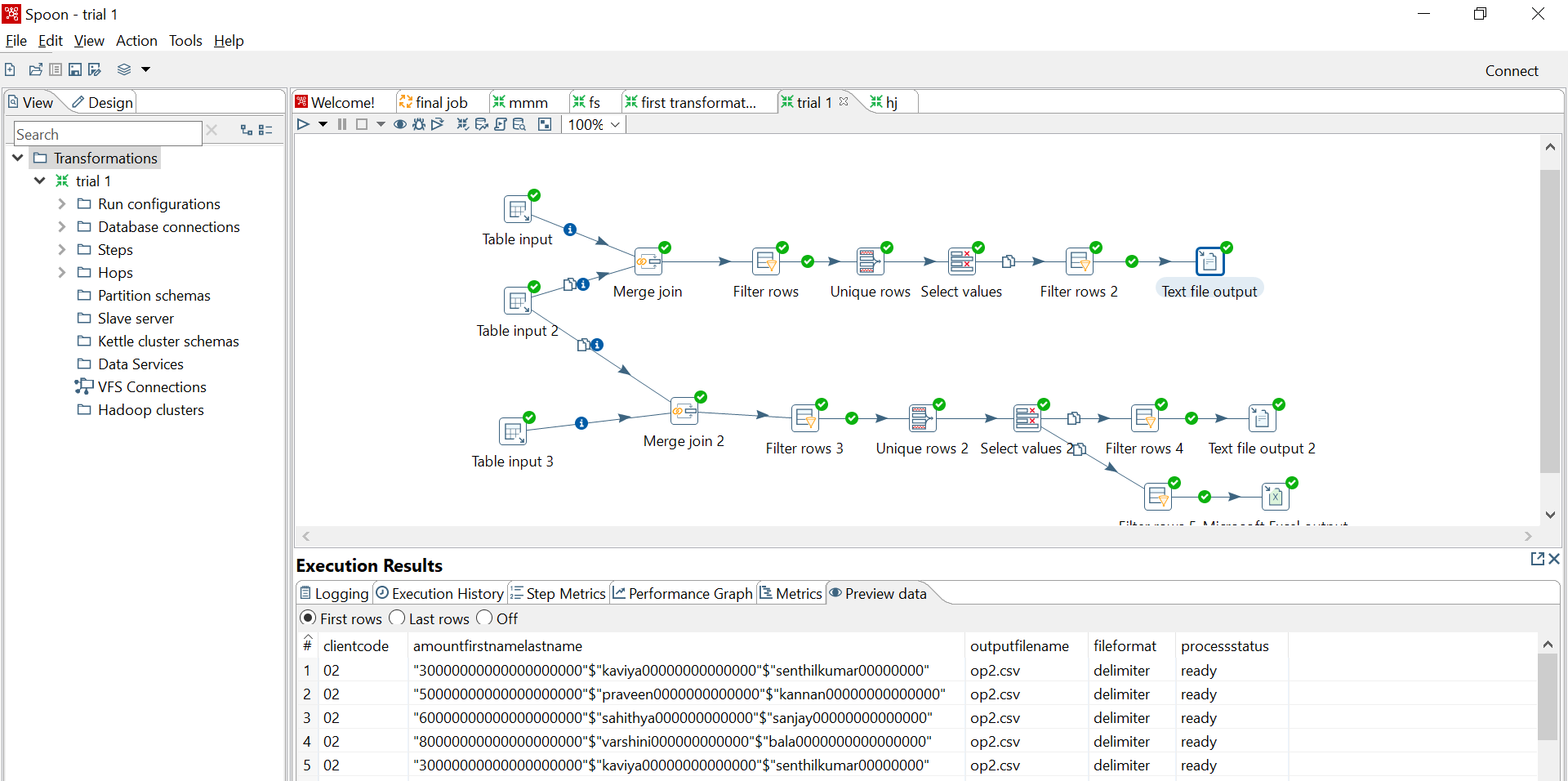


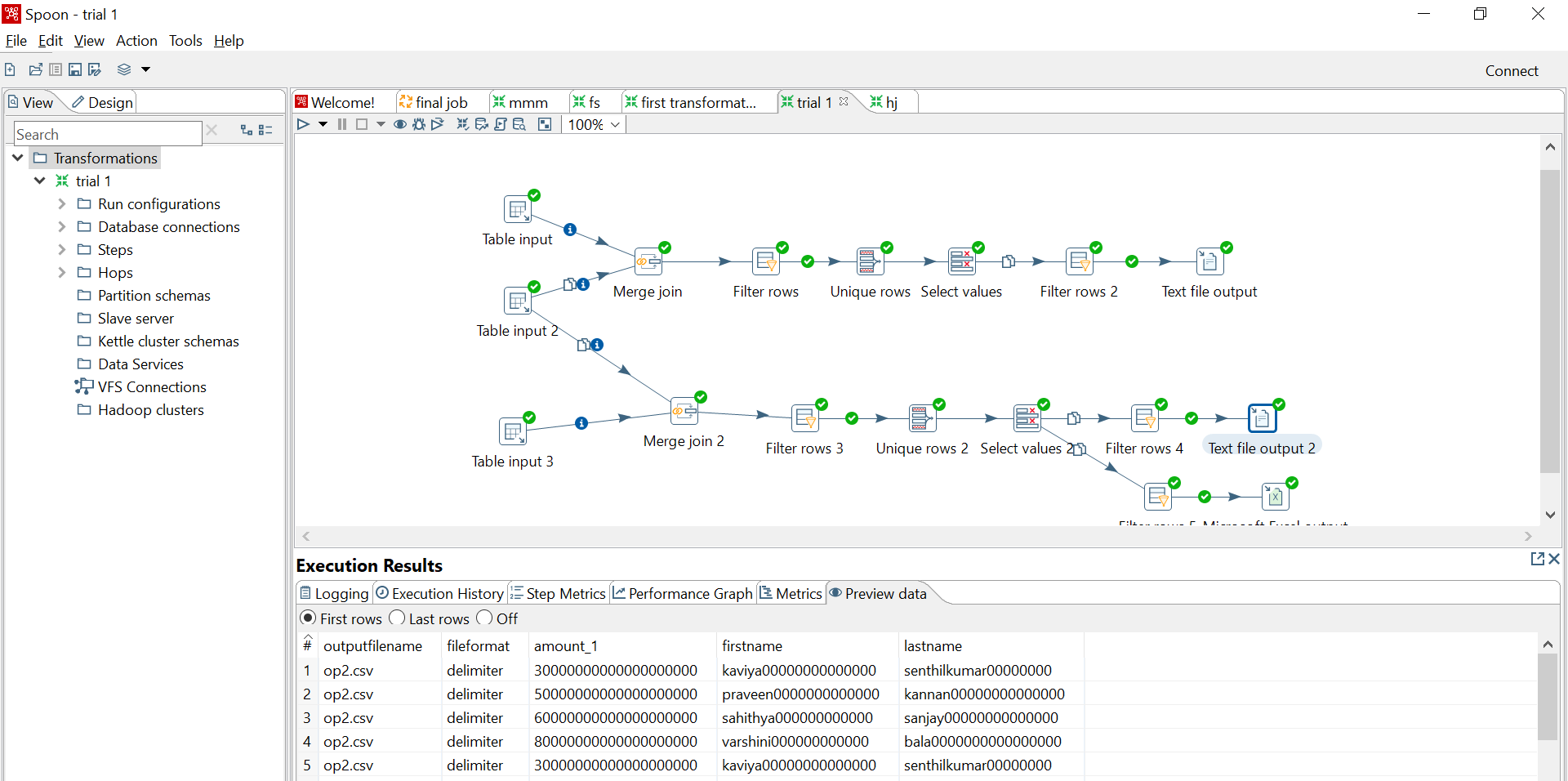


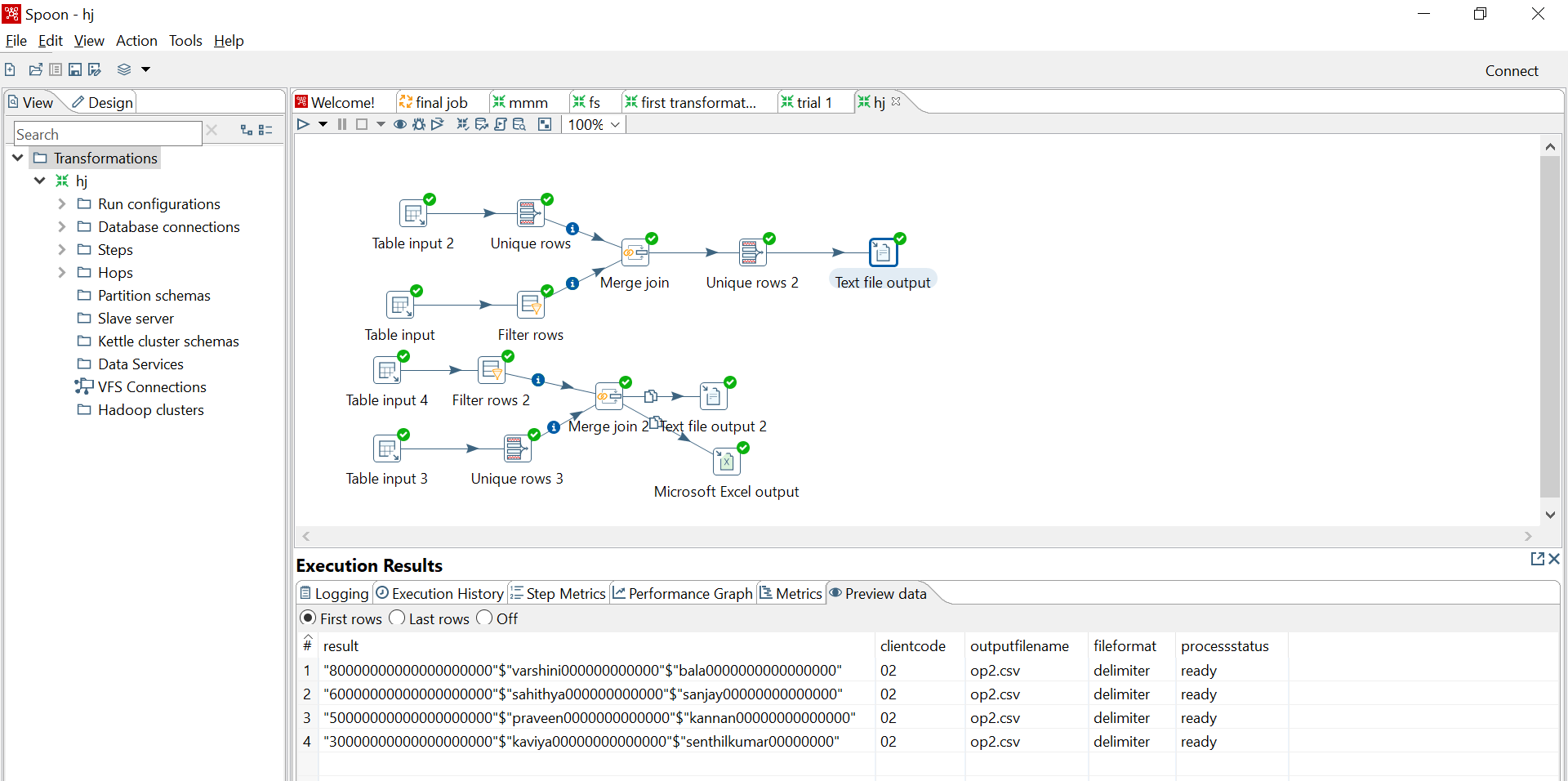


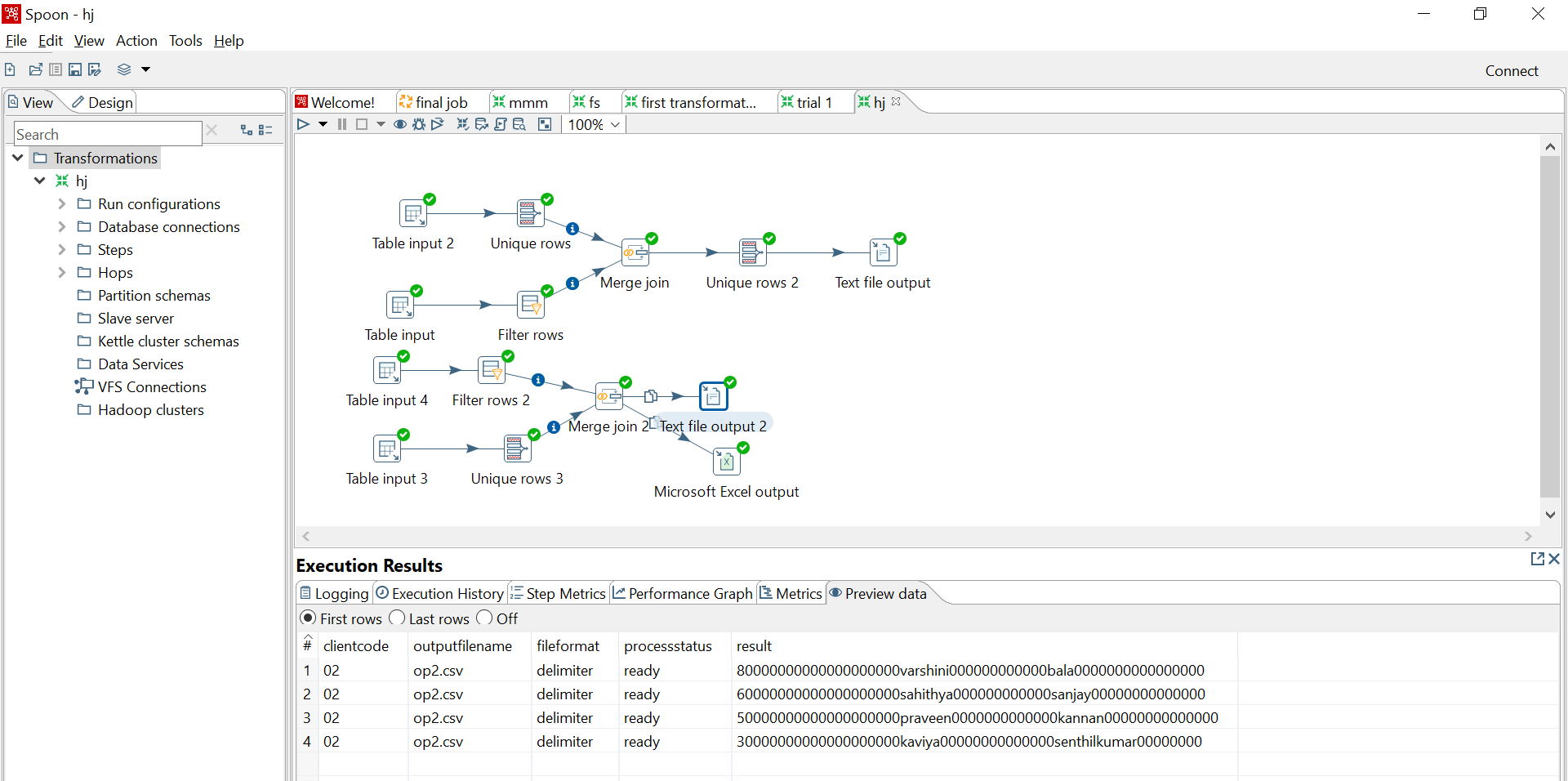


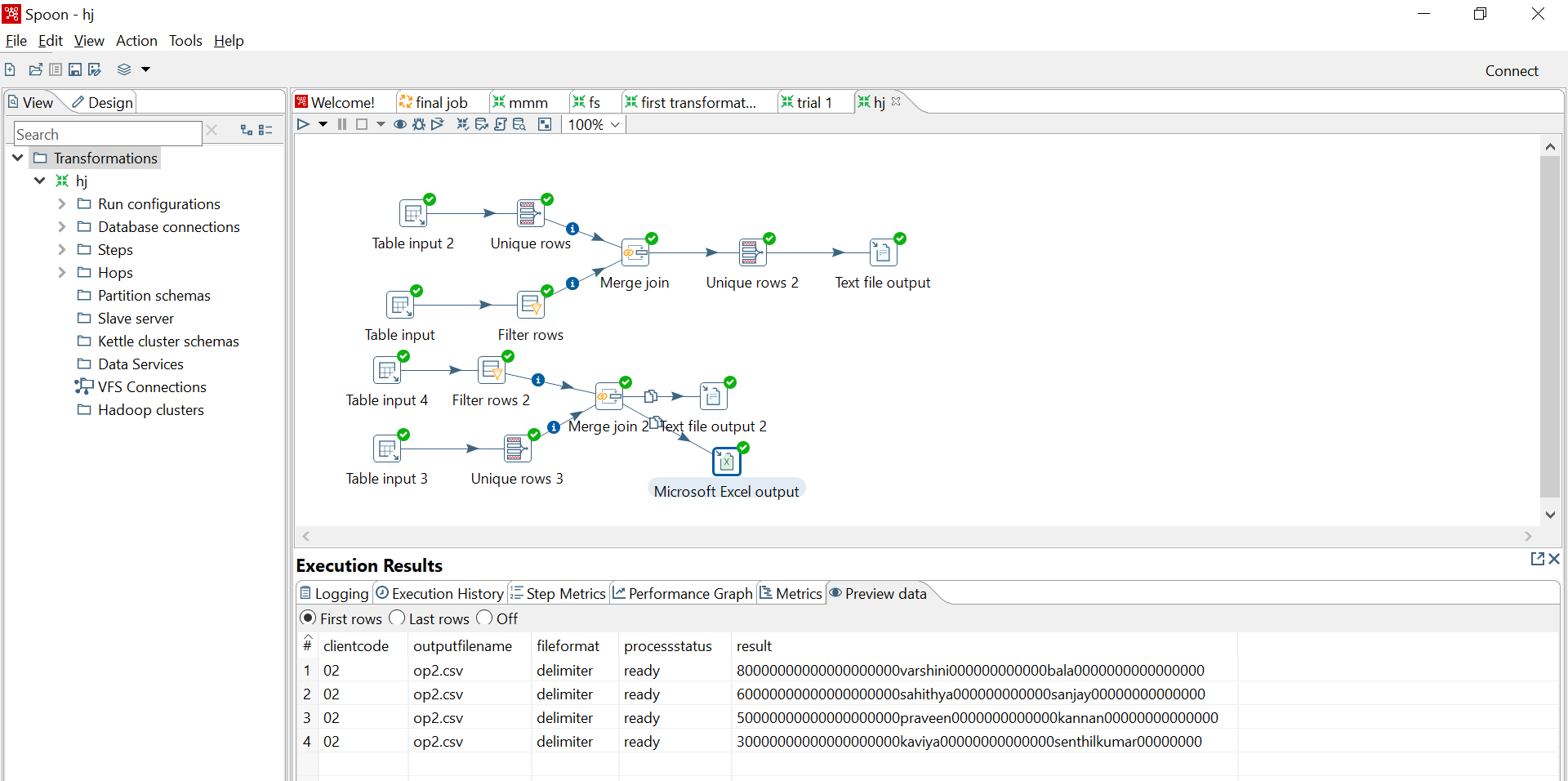
Now we do further steps to bring those data field in the required format and file types



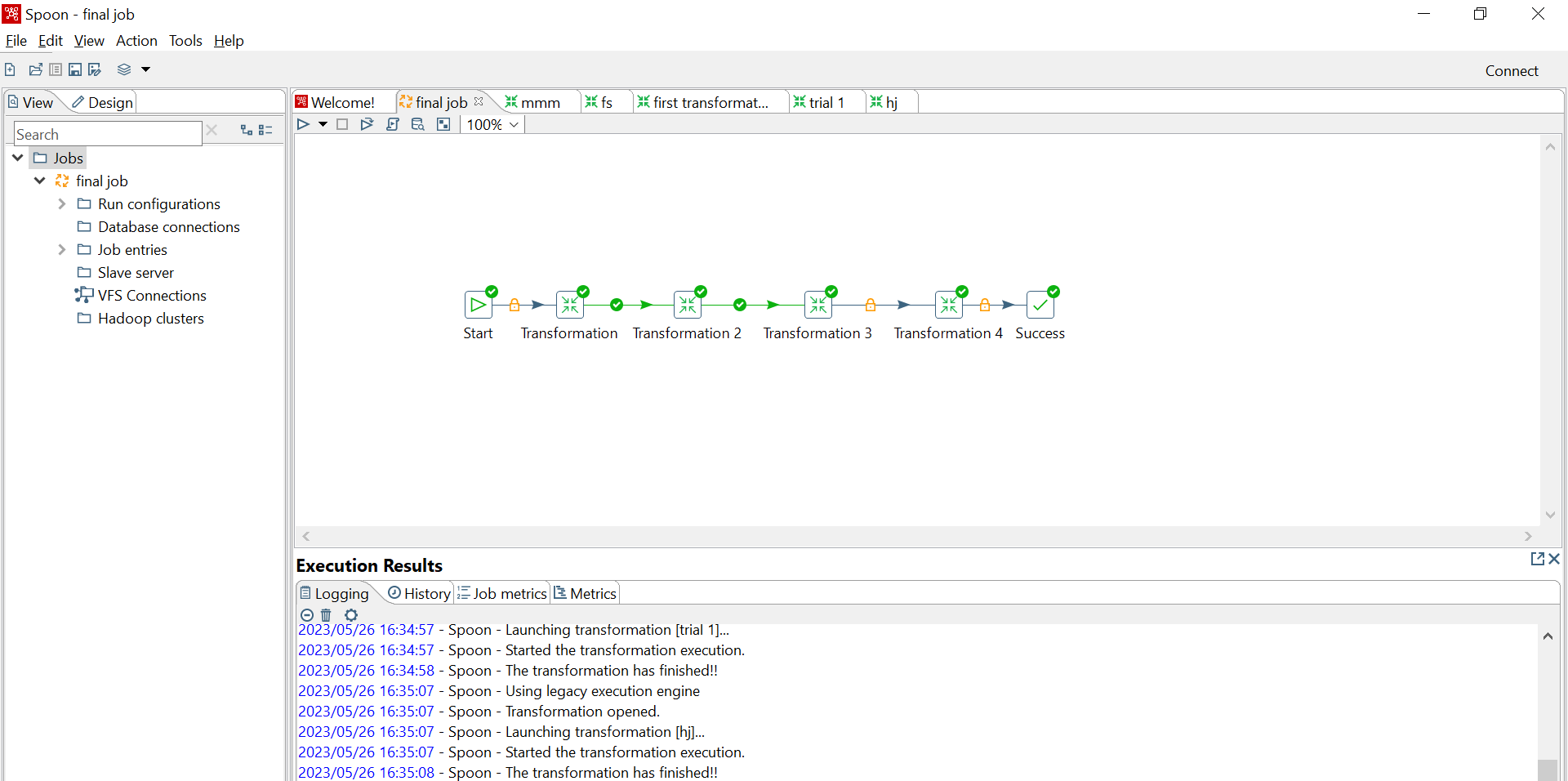




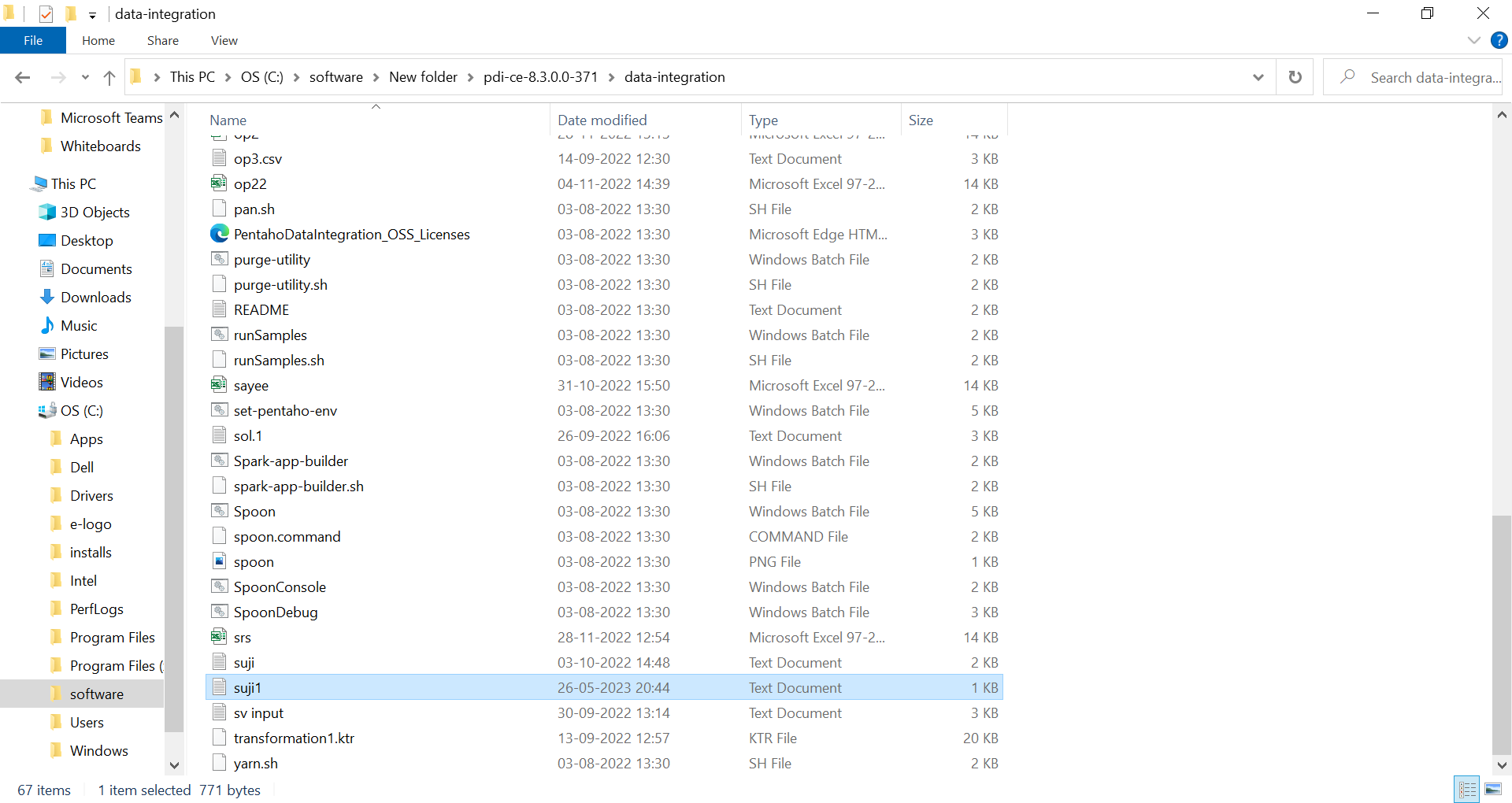




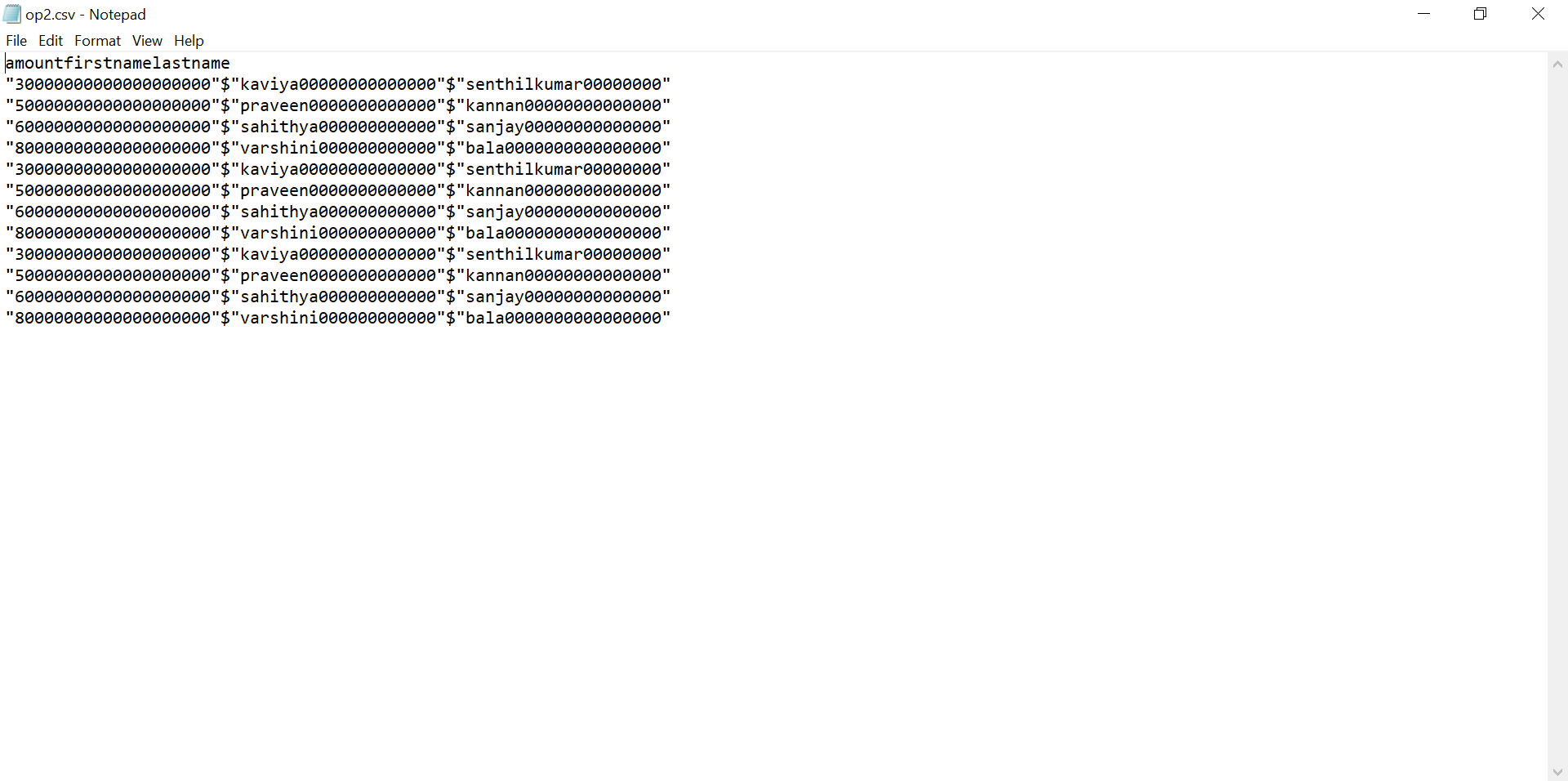
Now we have to run the final job transformation to get those required data in a location with our desired file format.

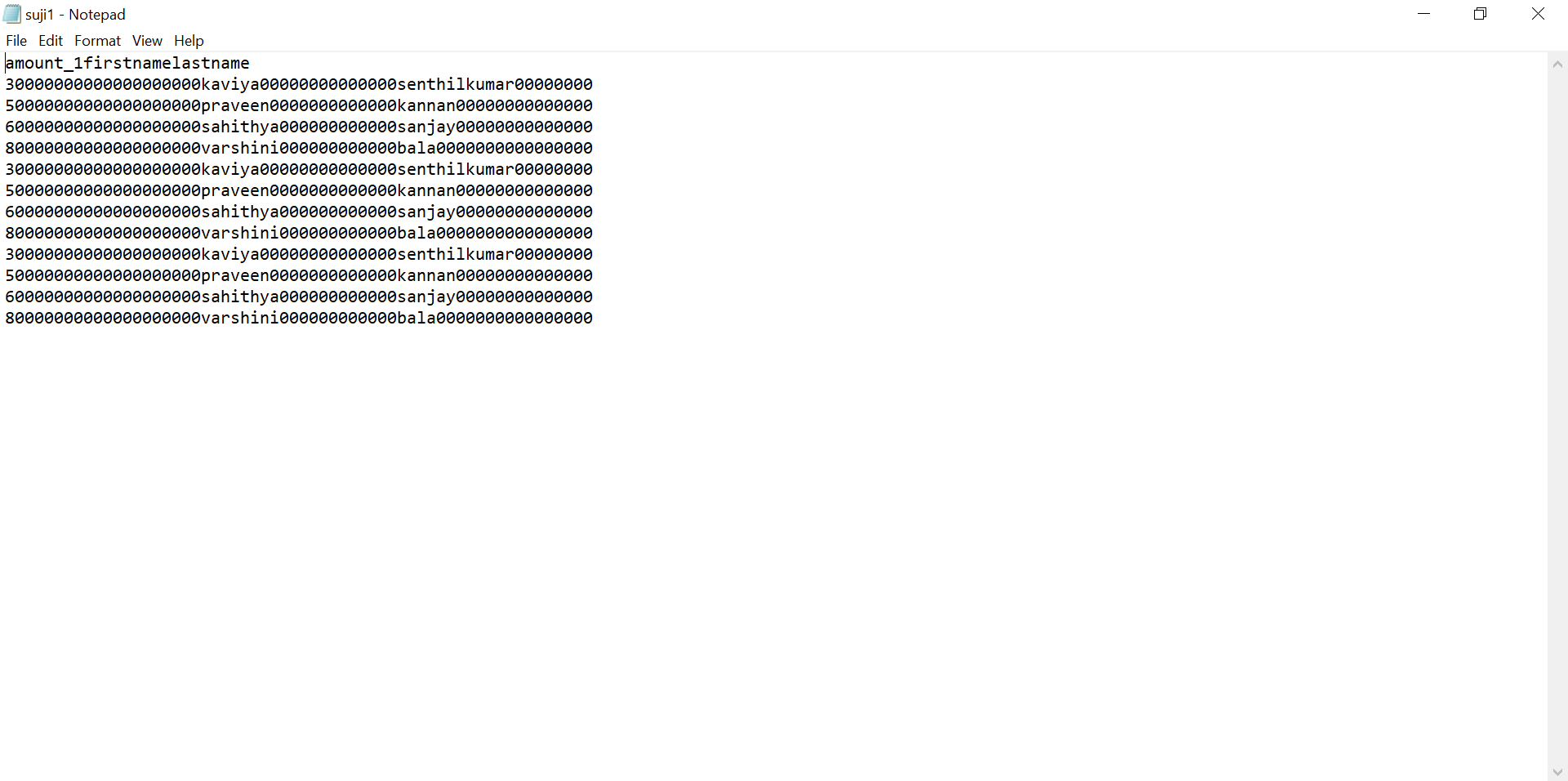


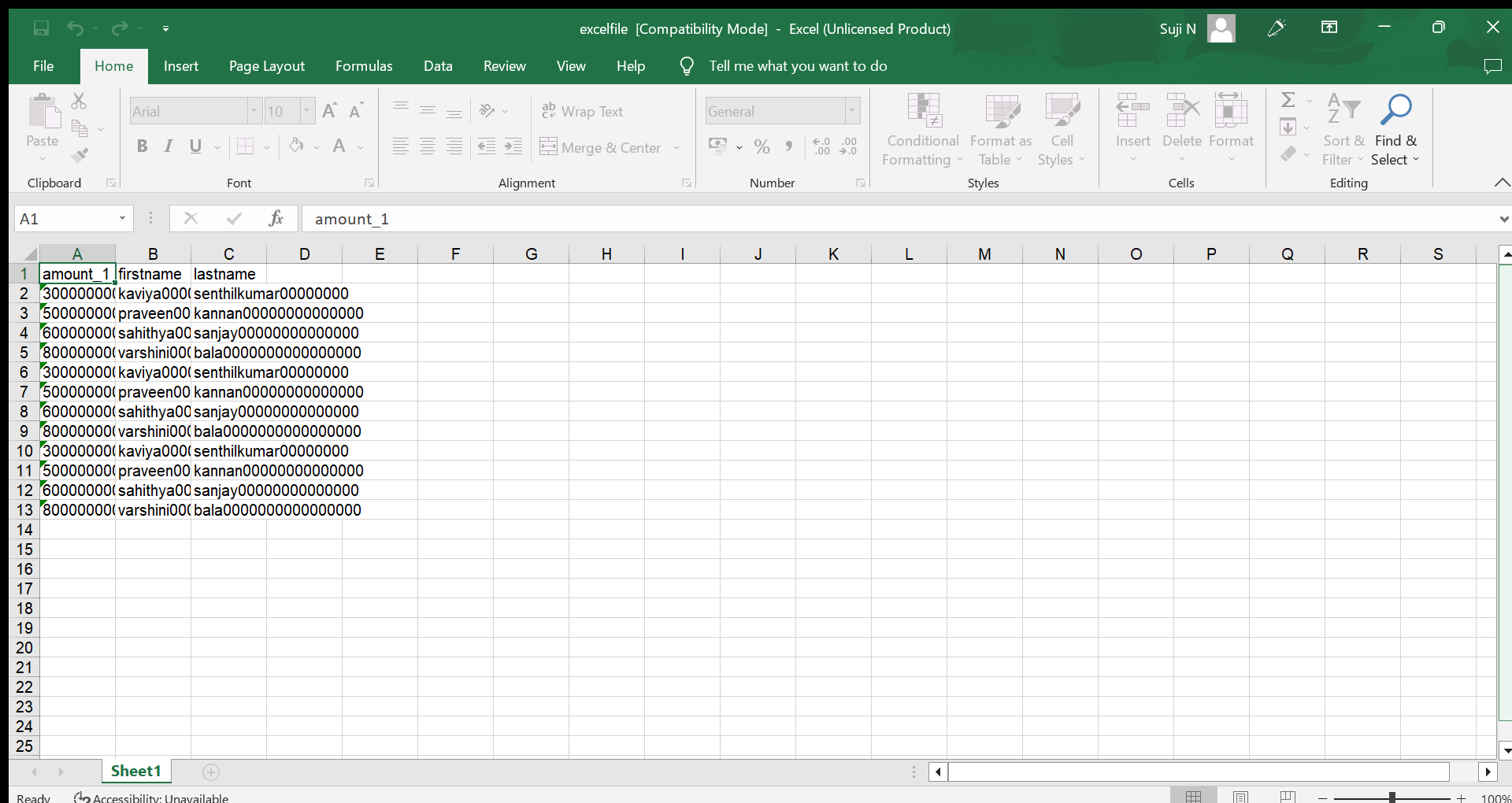
Given below are the files with the required data that generated automatically

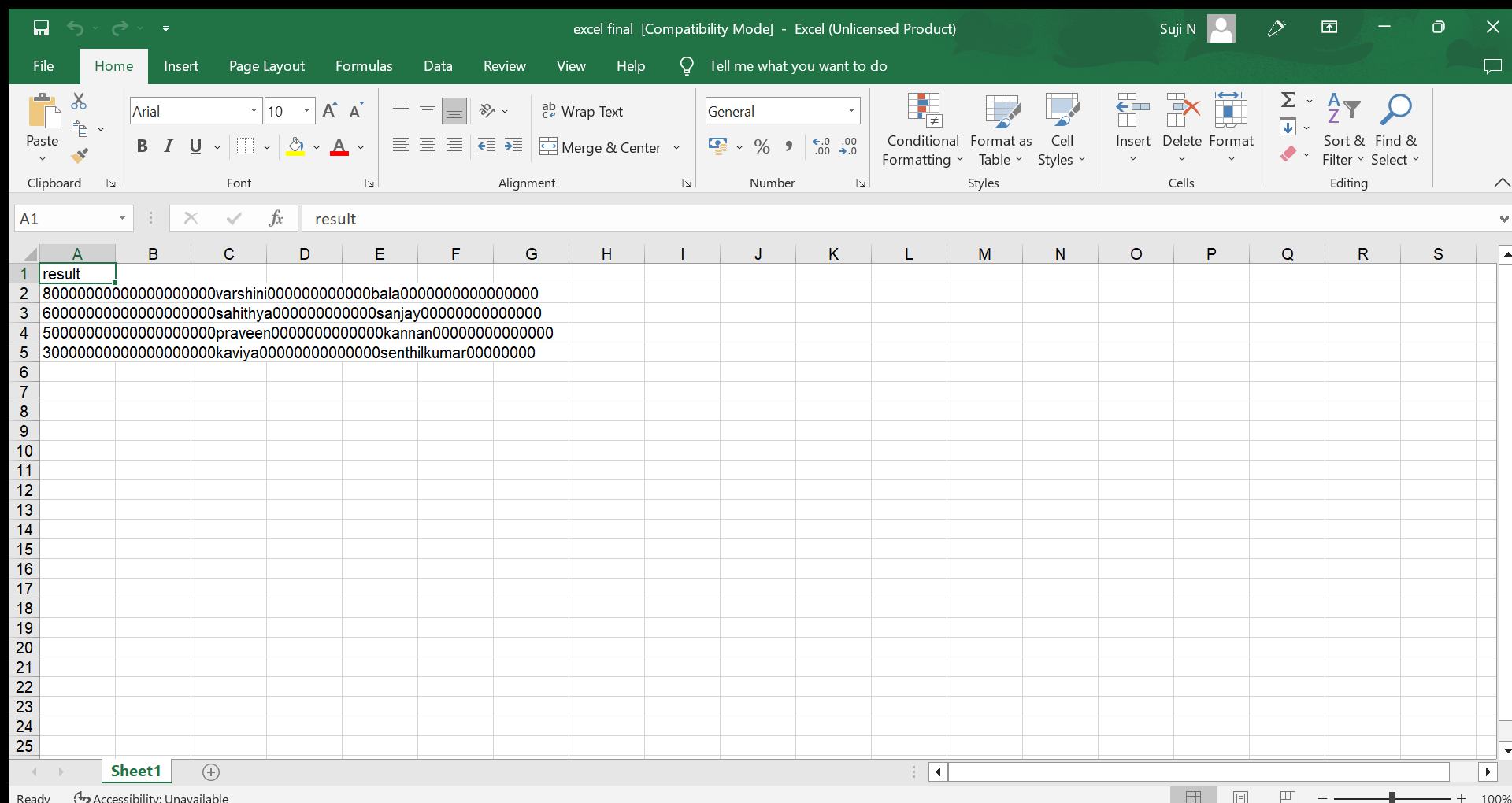


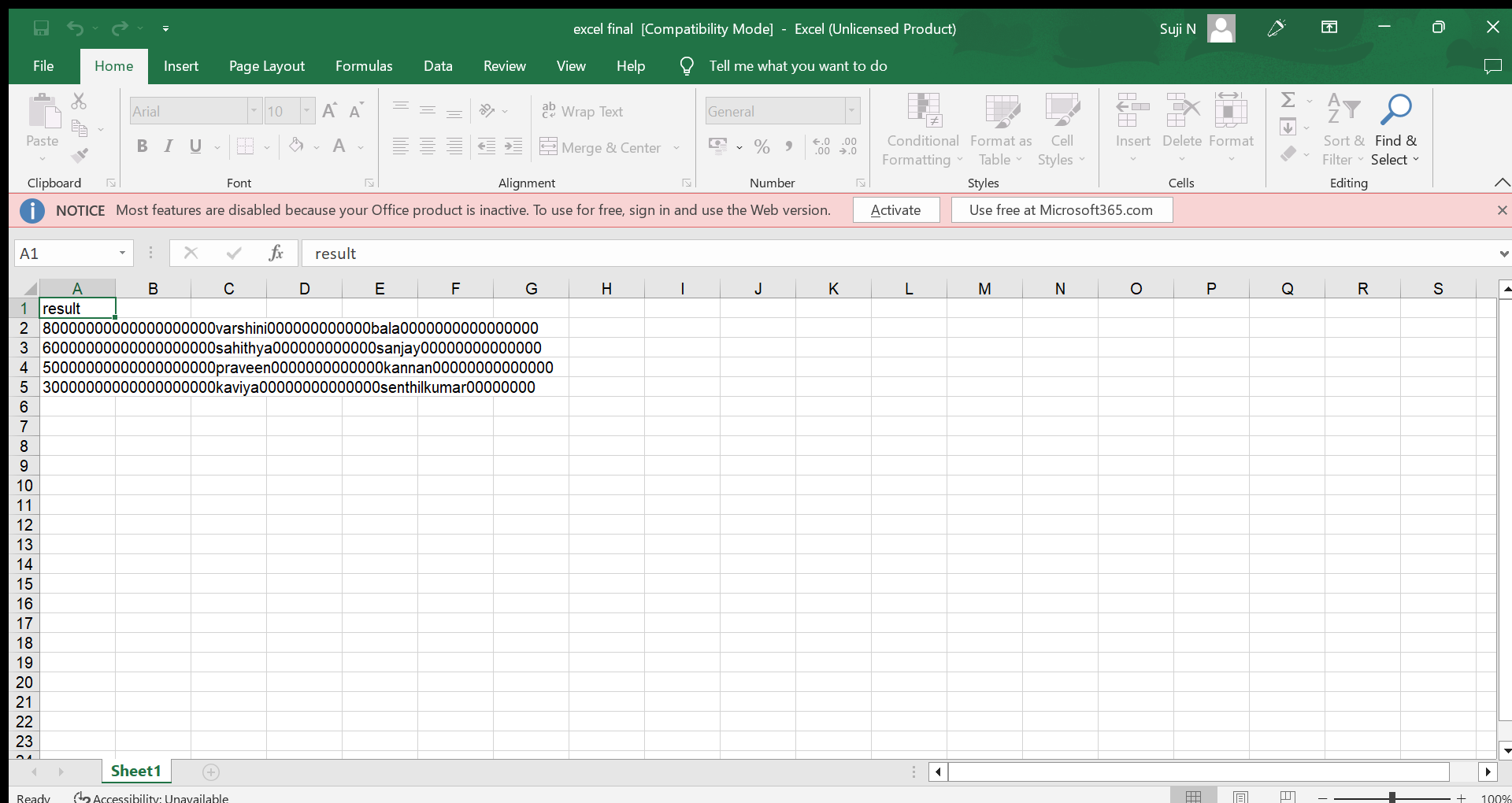


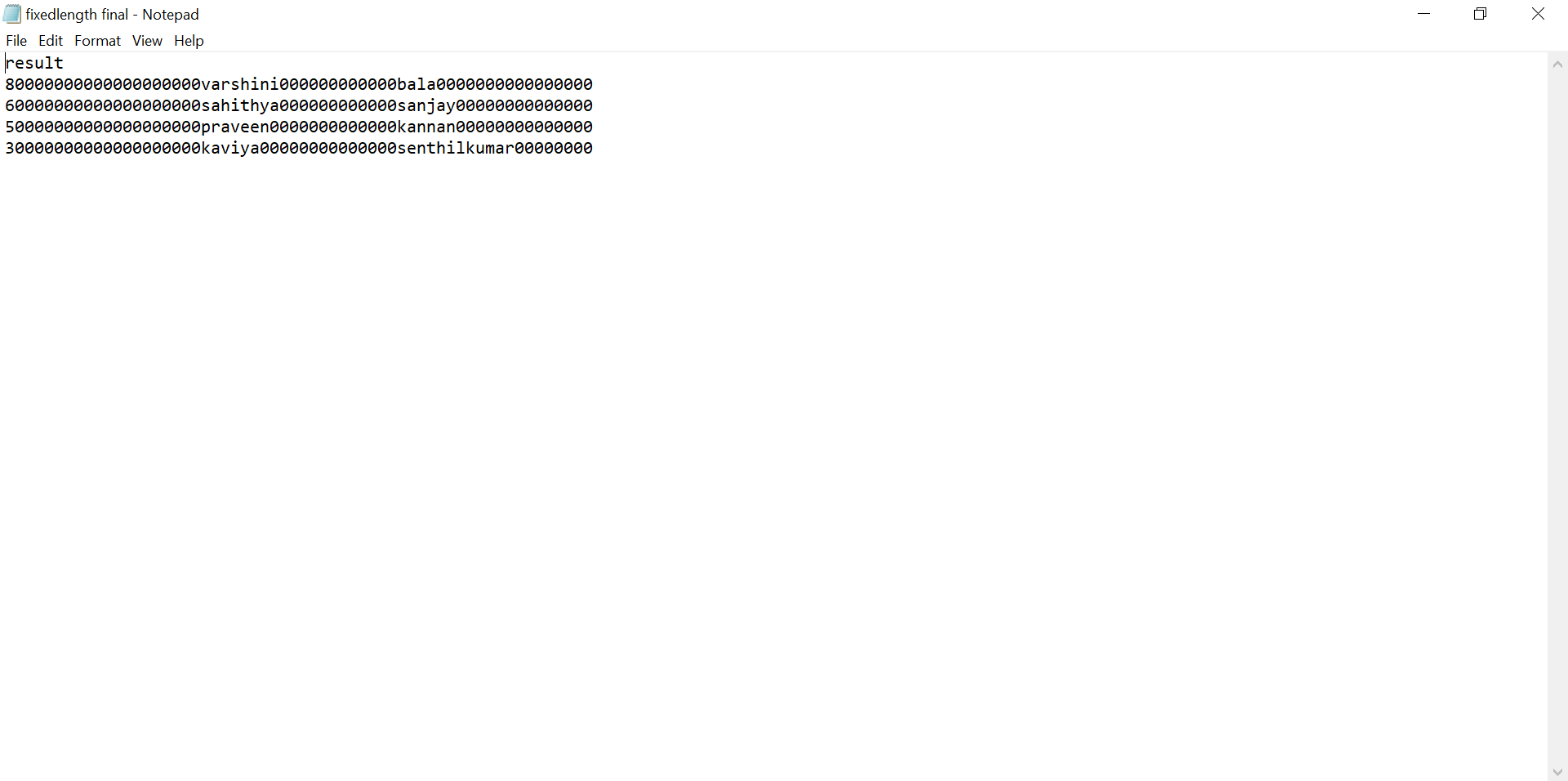












Finally this project is to pull data from different tables automatically according to our requirements and generate files according to our required file types with those filtered data. This works for whatever data we push into PgAdmin.