

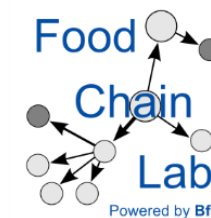
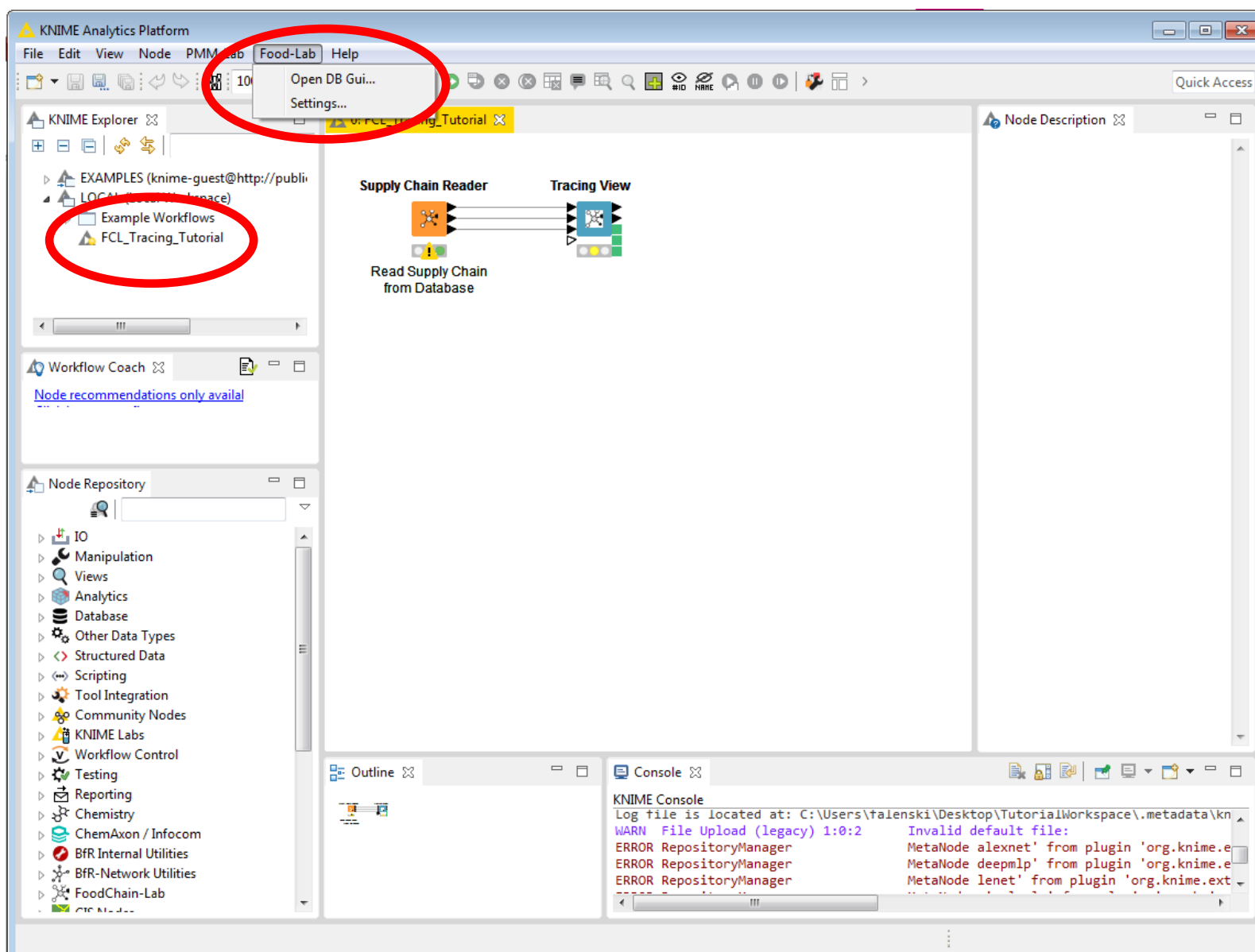
15 Data collection and import



Learn

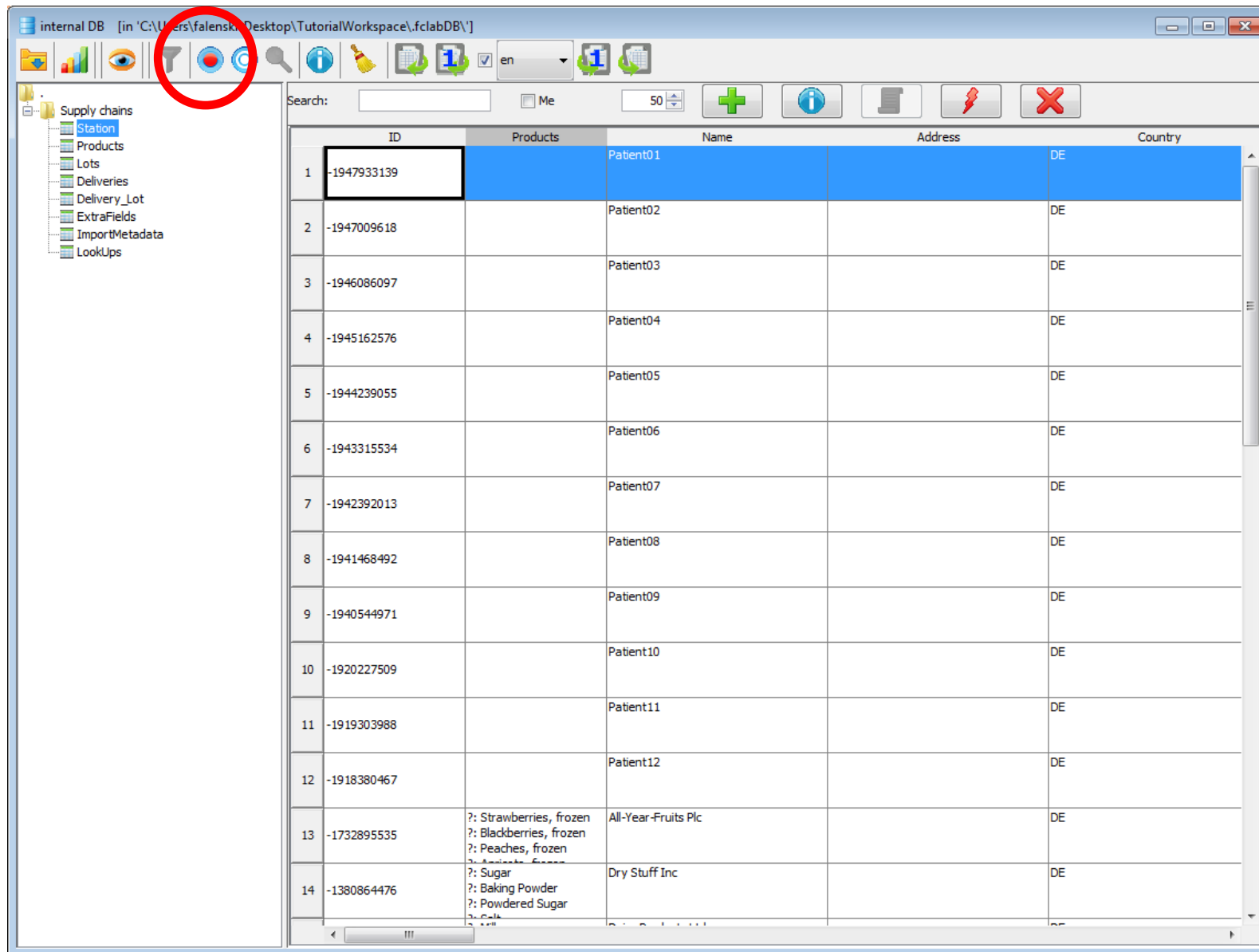
- to fill in a Start Tracing Backward template
- to import templates
- to load data into the KNIME workflow

Step 1



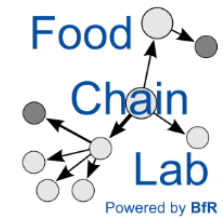
- Open the workflow “[FCL_Tracing_Tutorial.knwf](#)” from the tracing tutorial.
- Open the database

Step 2



The screenshot shows a database application window titled "internal DB [in 'C:\Users\falensk\Desktop\TutorialWorkspace\.fclabDB\']". The window contains a table with the following columns: ID, Products, Name, Address, and Country. The first row is highlighted in blue. A red circle highlights a button in the toolbar, which is likely the backup button mentioned in the text.

ID	Products	Name	Address	Country
1	-1947933139	Patient01		DE
2	-1947009618	Patient02		DE
3	-1946086097	Patient03		DE
4	-1945162576	Patient04		DE
5	-1944239055	Patient05		DE
6	-1943315534	Patient06		DE
7	-1942392013	Patient07		DE
8	-1941468492	Patient08		DE
9	-1940544971	Patient09		DE
10	-1920227509	Patient10		DE
11	-1919303988	Patient11		DE
12	-1918380467	Patient12		DE
13	?: Strawberries, frozen ?: Blackberries, frozen ?: Peaches, frozen ?: Apples, frozen	All-Year-Fruits Plc		DE
14	?: Sugar ?: Baking Powder ?: Powdered Sugar	Dry Stuff Inc		DE



- We need an empty database. Before we reset the database, you can produce a backup: Click the button for backup. A window opens. Choose a folder in which you would like to save your data and click „save“.

Step 3

The screenshot shows the 'internal DB' application window. The main table displays patient data with columns for ID, Products, Name, Address, and Country. A broom icon in the toolbar is circled in red, with an arrow pointing to the 'Confirm Reset' dialog box. The dialog box asks 'Are you sure that you want to reset the database? All data will be lost!!!' and has 'Ja' and 'Nein' buttons. The 'Ja' button is circled in red, with an arrow pointing to the 'Internal database created' message box. The message box states 'Internal database created in folder 'C:\Users\falenski\Desktop\TutorialWorkspace\.fclabDB\'' and has an 'OK' button circled in red.

ID	Products	Name	Address	Country
1	-194793313	Patient01		DE
2	-1947009618	Patient02		DE
		Patient03		DE
				DE
				DE
				DE
				DE
7	-1942392013	Patient07		DE
8	-1941468492	Patient08		DE
9	-1940544971	Patient09		DE
10	-1920227509			
11	-1919303988			
12	-1918380467			
13	-1732895535	?: Strawberries, frozen ?: Blackberries, frozen ?: Peaches, frozen	All-Year-Fruits Plc	DE
14	-1380864476	?: Sugar ?: Baking Powder ?: Powdered Sugar	Dry Stuff Inc	DE

- Use the broom to sweep your database clean.
- Confirm that you would like to reset the database with „Ja“. The database closes and a new empty database is created
- Click „OK“

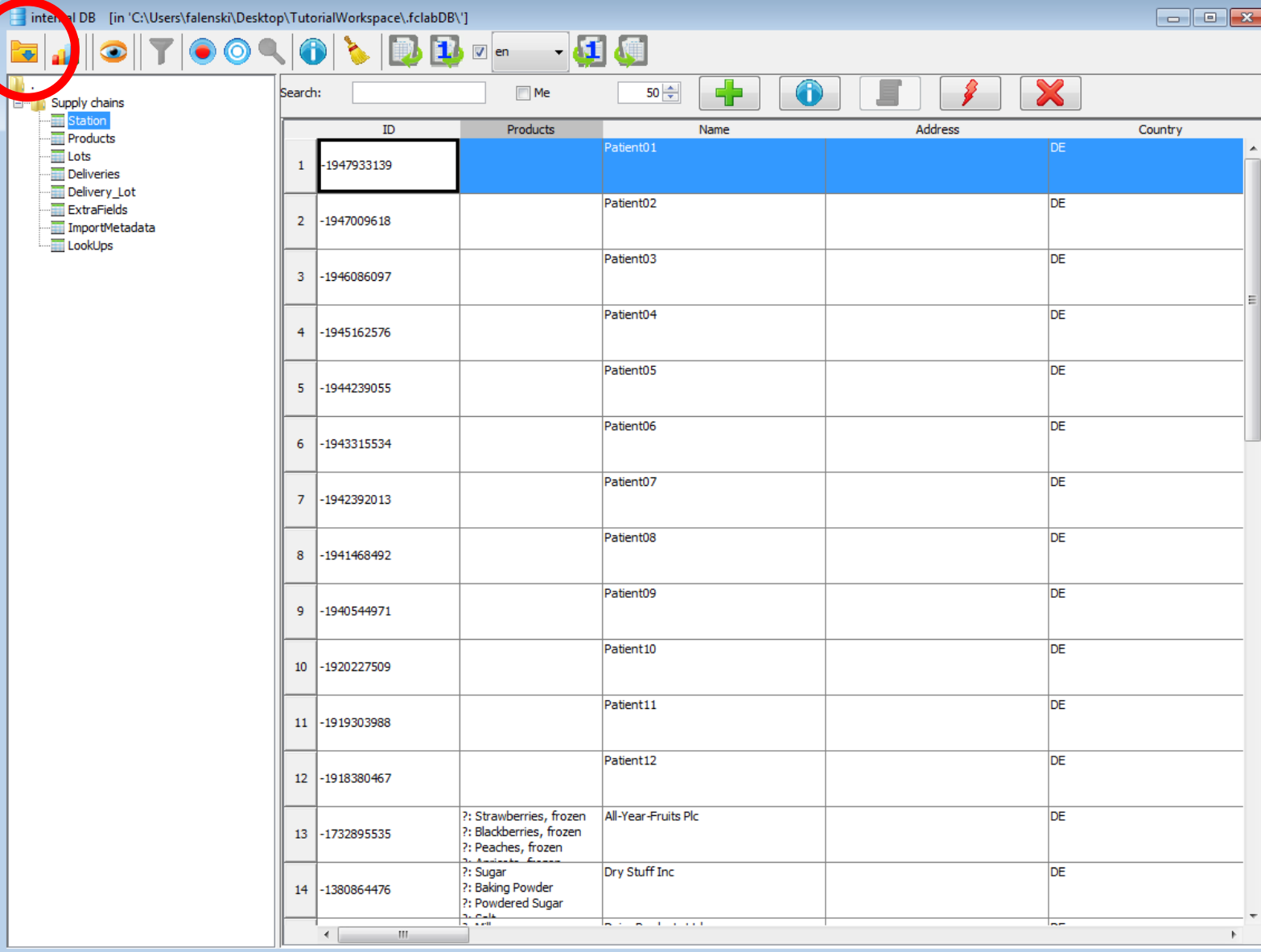
Step 4



In Excel:

- Open the empty template „FCL_Backtrace_Start_tob_en.xlsx“ and fill in the data from the delivery papers (see „Dry-Stuff-Inc_START-tracing.docx“)
- Save the excel template with a different name.

Step 5



The screenshot shows the 'Internal DB' application window. The toolbar at the top contains several icons, with the 'Import' icon (a document with a plus sign) circled in red. The main area displays a table with the following data:

ID	Products	Name	Address	Country
1		Patient01		DE
2		Patient02		DE
3		Patient03		DE
4		Patient04		DE
5		Patient05		DE
6		Patient06		DE
7		Patient07		DE
8		Patient08		DE
9		Patient09		DE
10		Patient10		DE
11		Patient11		DE
12		Patient12		DE
13	? : Strawberries, frozen ? : Blackberries, frozen ? : Peaches, frozen ? : Apples, frozen	All-Year-Fruits Plc		DE
14	? : Sugar ? : Baking Powder ? : Powdered Sugar	Dry Stuff Inc		DE

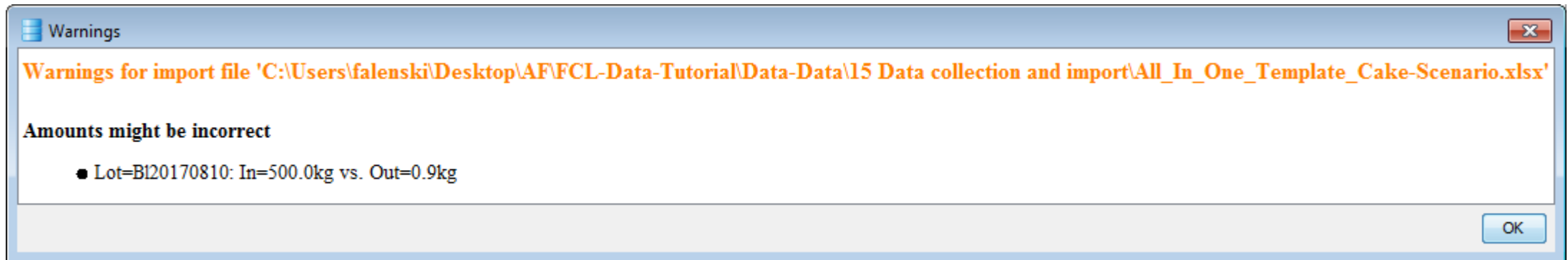
In KNIME:

- Import your file into the database (see import button in the red circle).
- Also import „All_In_One_Template_Cake-Scenario.xlsx“

Step 5

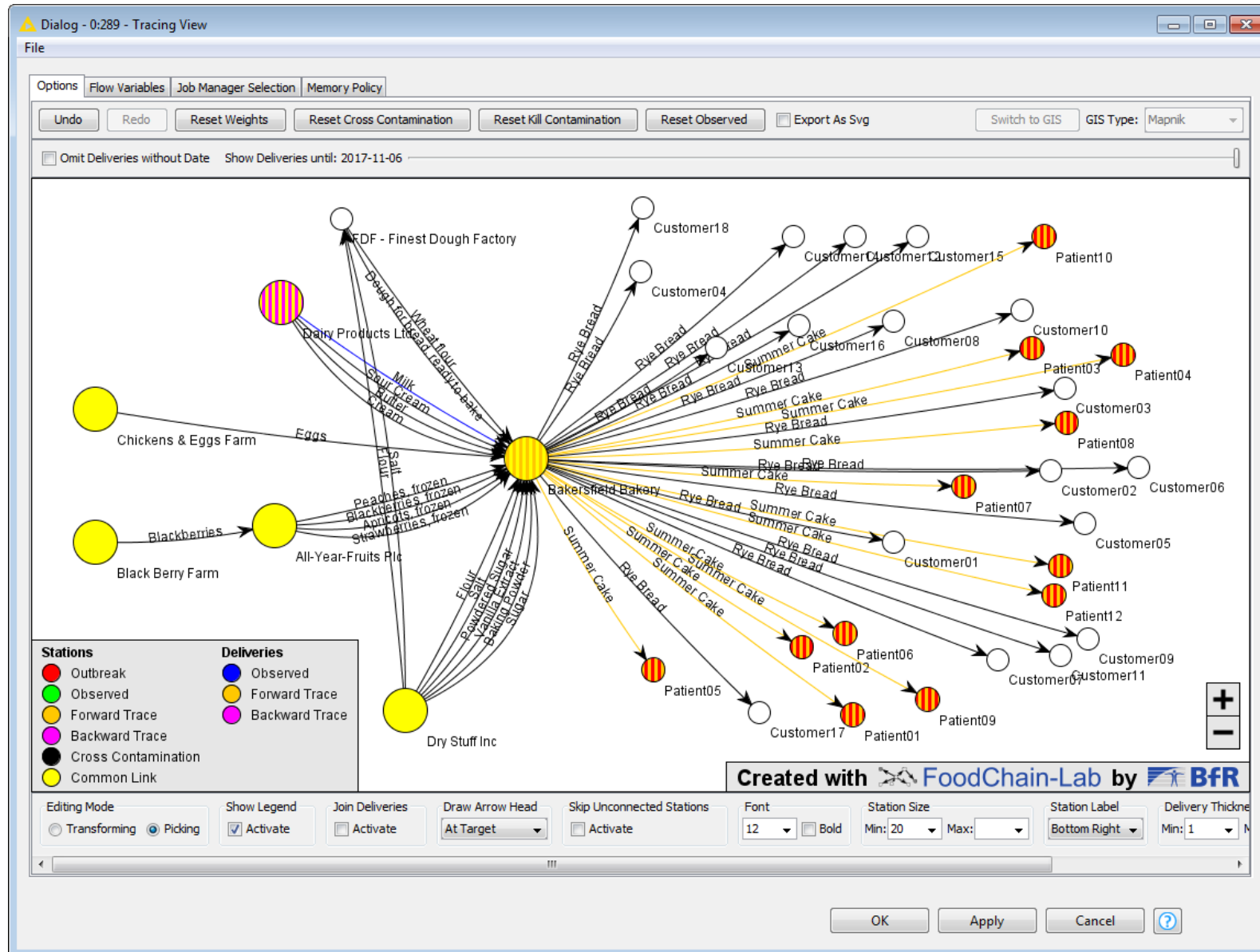


- A warning appears informing you that there is a difference in the weight of incoming goods to that of outgoing goods for a specific lot. For this tutorial it does not matter that we do not know anything about the 499.1 kg.



- Close the window by clicking “OK”.

Step 6



- Close the database, reset the Supply Chain Reader and open the Tracing View (the Supply Chain Reader is then executed automatically).
- Again: Have a look at the Tracing View. The network should have the same structure as the one above (perhaps with different colours).