

EXPERIMENT NO: 3

Mapped Course Outcomes- CO5

Aim:

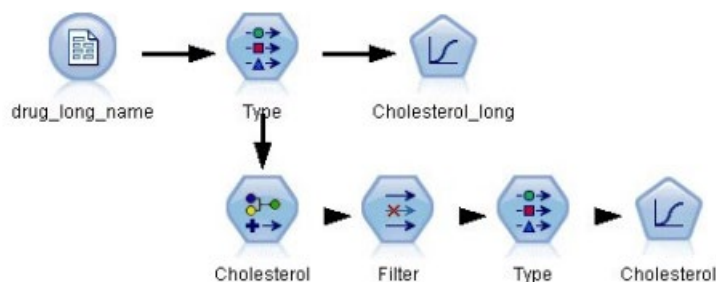
Integrating and Reclassifying Data Fields

Objective:

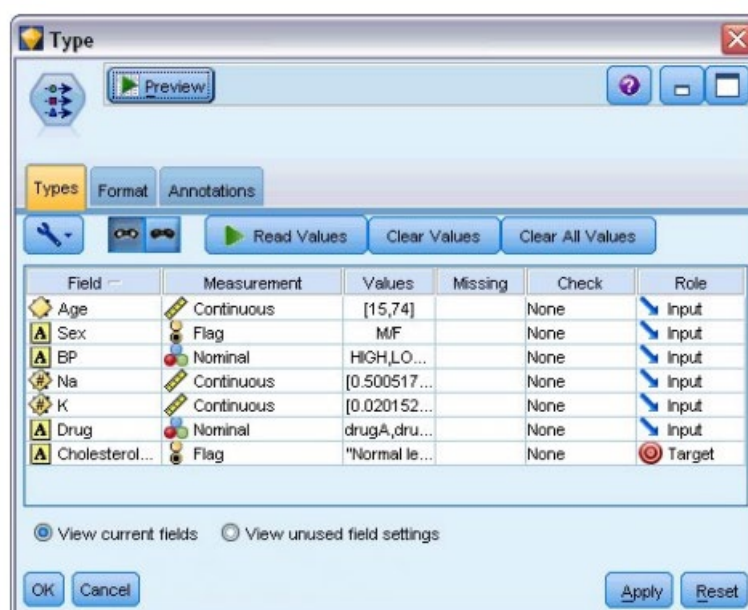
We need to integrate and reclassify the data fields using Reclassify Node

Procedure:

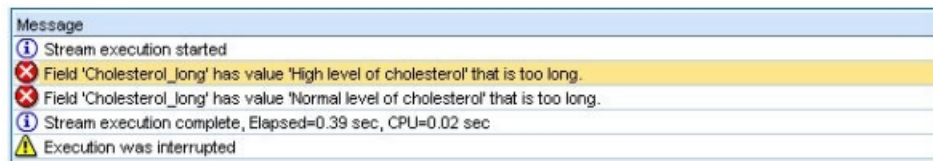
1. Using a Variable File source node, connect to the dataset drug_long_name in the Demos folder.



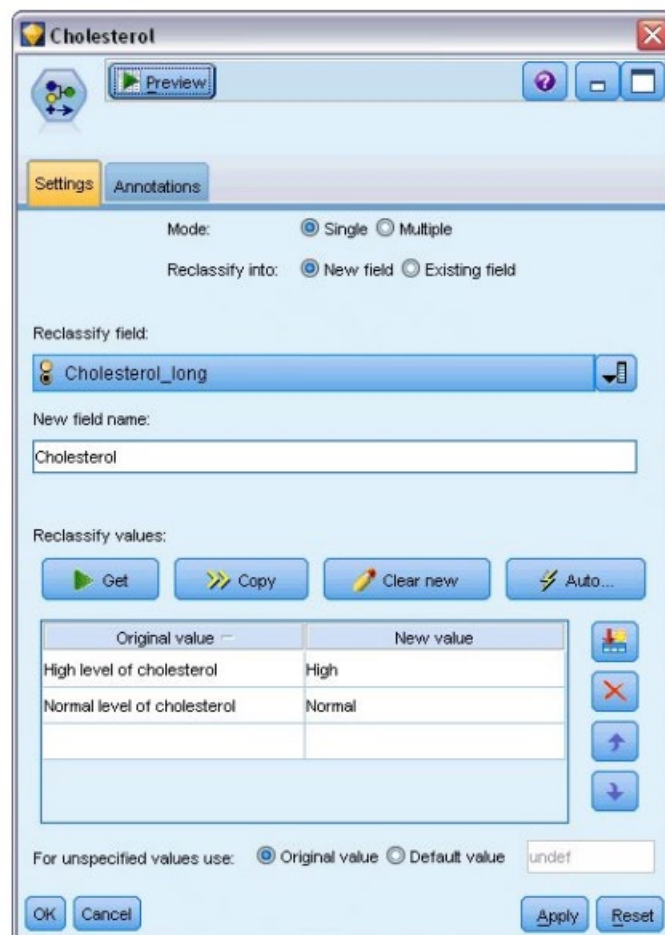
2. Add a Type node to the Source node and select Cholesterol_long as the target.
3. Add a Logistic Regression node to the Type node.
4. In the Logistic Regression node, click the Model tab and select the Binomial procedure.



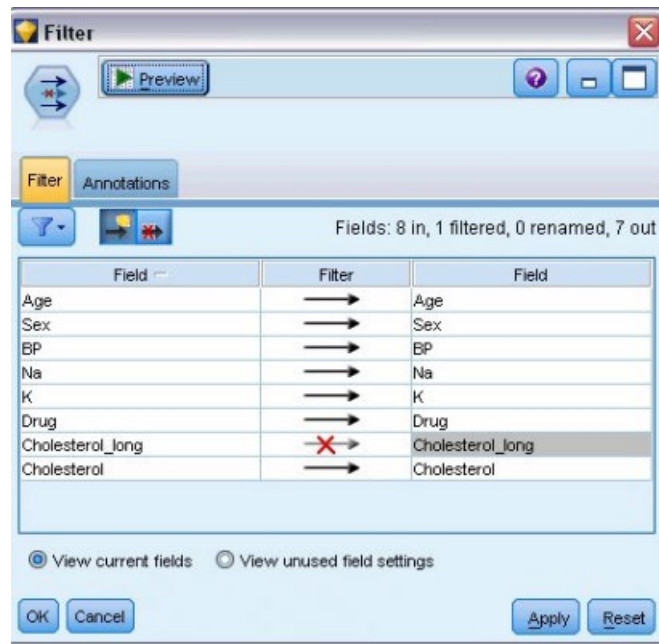
5. When you execute the Logistic Regression node in reclassify_strings.str, an error message is displayed warning that the Cholesterol_long string values are too long. If you encounter this type of error message, follow the procedure explained in the rest of this example to modify your data.



6. Add a Reclassify node to the Type node.
7. In the Reclassify field, select Cholesterol_long.
8. Type Cholesterol as the new field name.
9. Click the Get button to add the Cholesterol_long values to the original value column.
10. In the new value column, type High next to the original value of High level of cholesterol and Normal next to the original value of Normal level of cholesterol.



11. Add a Filter node to the Reclassify node.
12. In the Filter column, click to remove Cholesterol_long



13. Add a Type node to the Filter node and select Cholesterol as the target
14. Add a Logistic Node to the Type node.
15. In the Logistic node, click the Model tab and select the Binomial procedure.
16. Execute the Binomial Logistic node and generate a model without displaying an error message.

Output:

Data Nodes has been reclassified and model is built without any error