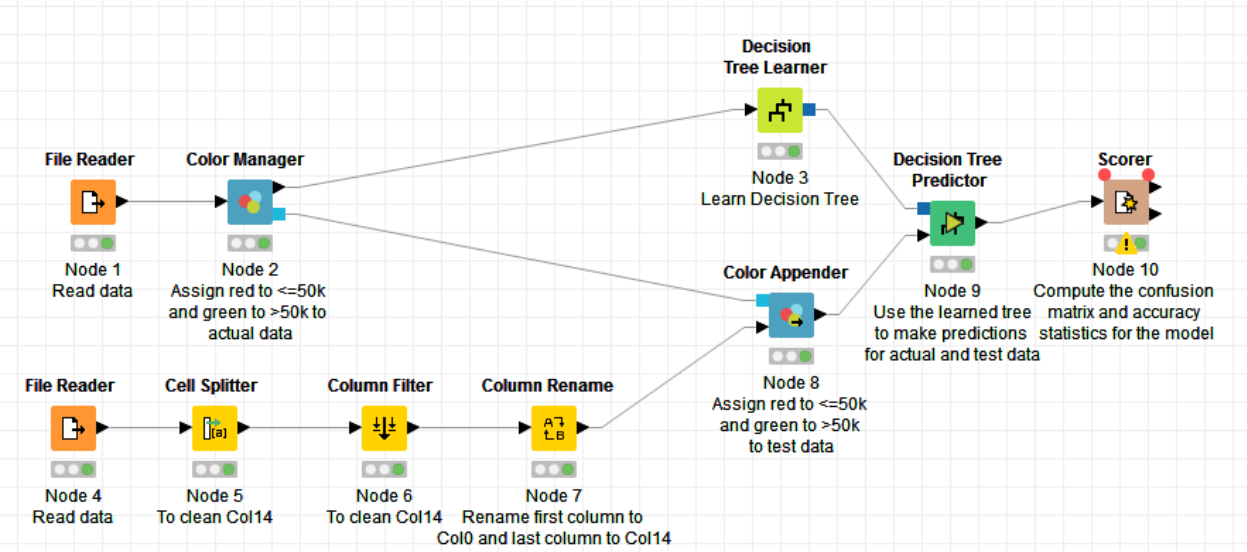
Provided:

adult.data

adult.test

1. Add **File Reader** [Node 1] to read adult.data
2. Add **Color Manager** [Node 2] after [Node 1] to assign red color to <=50k and green color to >50k to Col14, i.e. income group, values
3. Add **Decision Tree Learner** [Node 3] after [Node 2] to learn the decision tree
4. Add **File Reader** [Node 4] to read adult.test
5. After [Node 4], add **Cell Splitter** [Node 5], followed by **Column Filter** [Node 6]. These nodes are added because in adult.test, values of Col14 end in a period. The Cell Splitter will break this column at the period to generate a new, cleaned column called "Col14_Arr[0]", and the Column Filter will delete the original column.
6. Add **Column Rename** [Node 7] after [Node 6] to rename the first column "|1x3 Cross validator" in adult.test to "Col0" and "Col14_Arr[0]" to "Col14"
7. Add **Color Appender** [Node 8] after [Node 7] and connected to [Node 2] to assign red color to <=50k and green color to >50k to Col14, i.e. income group, values
8. Add **Decision Tree Predictor** [Node 9] after [Node 8] which has test data and connected to [Node 8] which has the learned decision tree. Note: Right-click>Configure> and set "Maximum number of stored patterns for HiLite-ing" to 20,000 (i.e. any number greater than 16,281)
9. Add **Scorer** [Node 10] to compute the confusion matrix and accuracy statistics for the model



Confusion Matrix:

Row ID	<=50K	>50K
<=50K	11080	1234
>50K	1578	2222

Accuracy Statistics:

Row ID	TruePositives	FalsePositives	TrueNegatives	FalseNegatives	Recall	Precision	Sensitivity	Specifity	F-measure	Accuracy	Cohen's kappa
<=50K	11080	1578	2222	1234	0.9	0.875	0.9	0.585	0.887	?	?
>50K	2222	1234	11080	1578	0.585	0.643	0.585	0.9	0.612	?	?
Overall	?	?	?	?	?	?	?	?	?	0.825	0.5