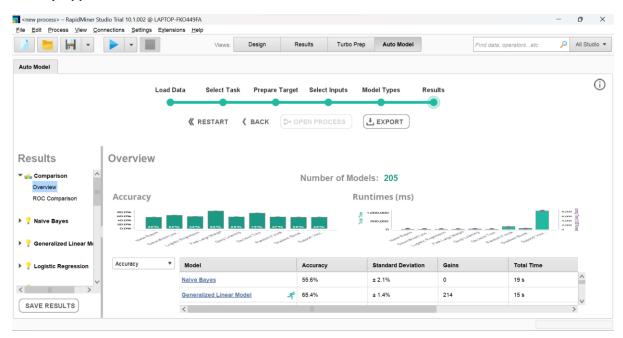
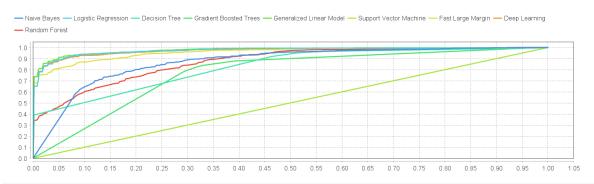
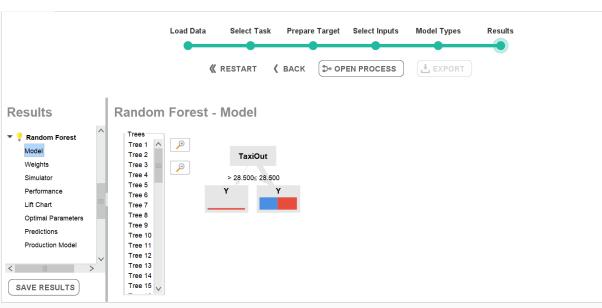
Initially, applied AutoModel to the Main dataset of 4k records:



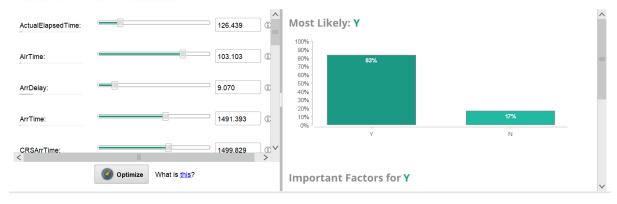
ROC Comparison



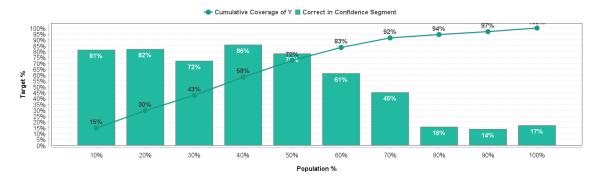


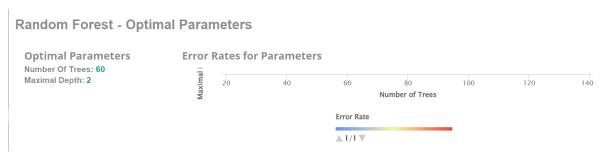


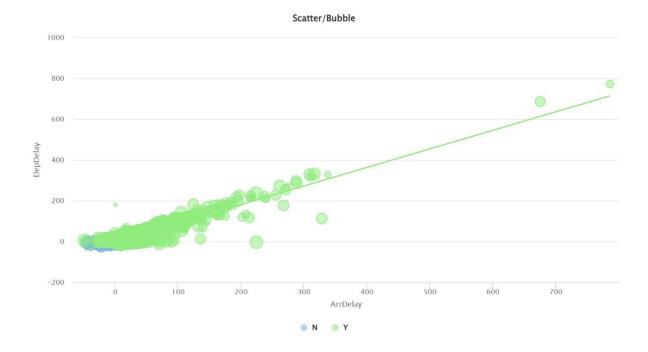
Random Forest - Simulator



Random Forest - Lift Chart

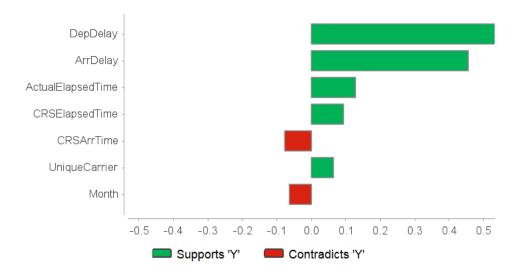






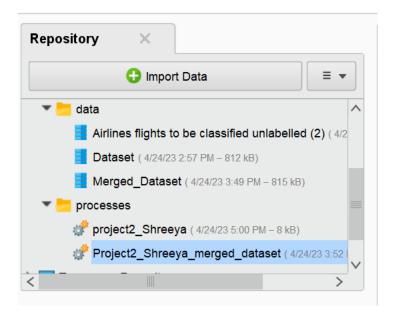
Confusion Matrix			
	true N	true Y	class precision
pred. N	16	0	100.00%
pred. Y	492	636	56.38%
class recall	3.15%	100.00%	

Important Factors for Y

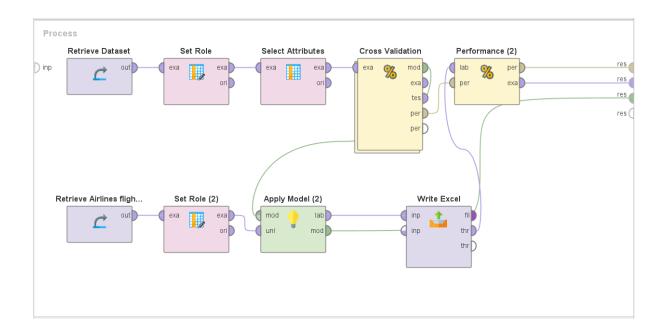


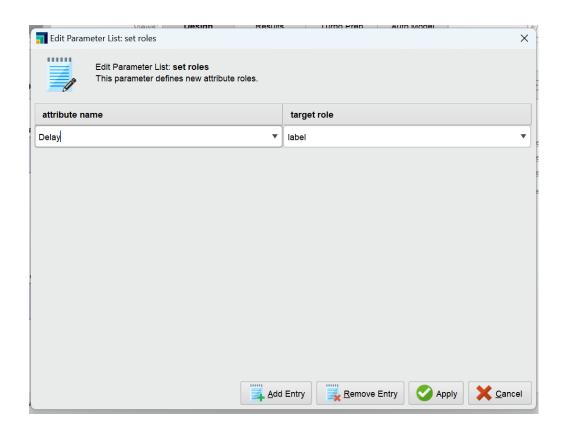
Below are the Data files and processes used.

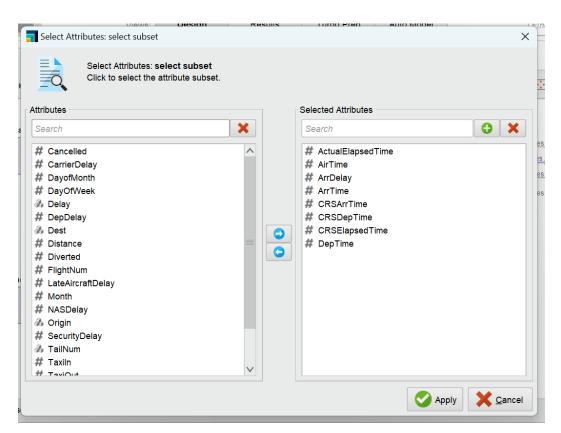
- Dataset: Main dataset with 4k records (1k records each year) for years 2005-2008
- Airlines flights to be classified unlabelled (2): Testing dataset provided.
- Merged_Dataset: Dataset with initial 4k records and additional predicted 12 records.

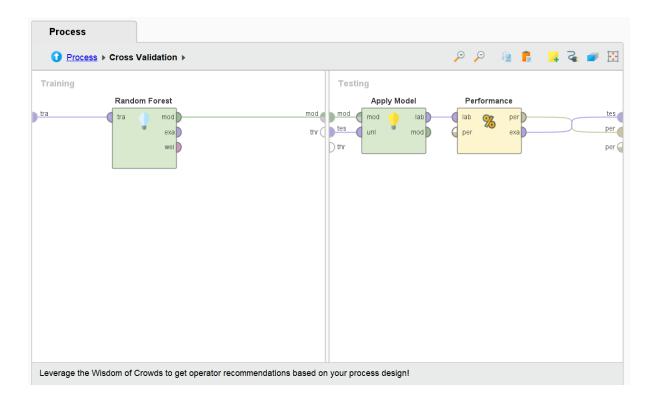


The main process (process name: project2_Shreeya)

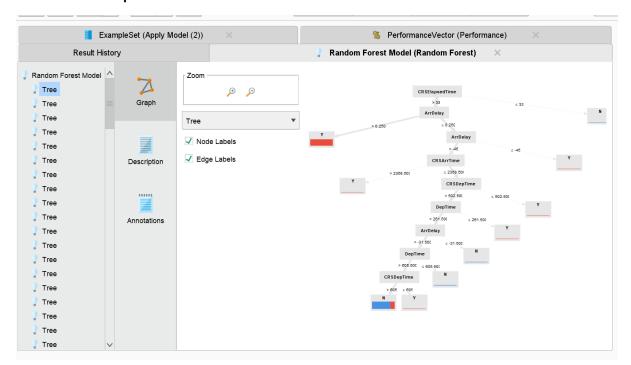


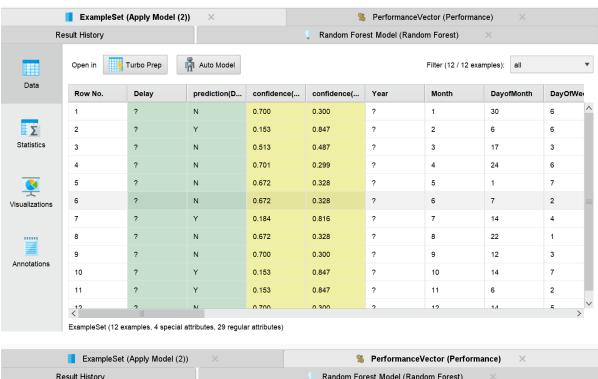


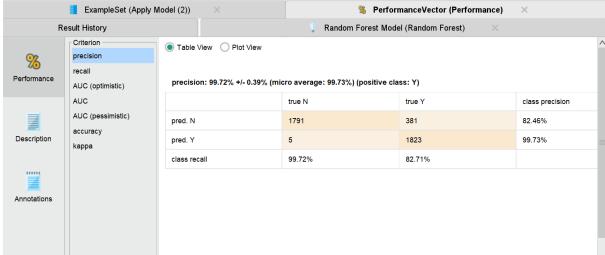


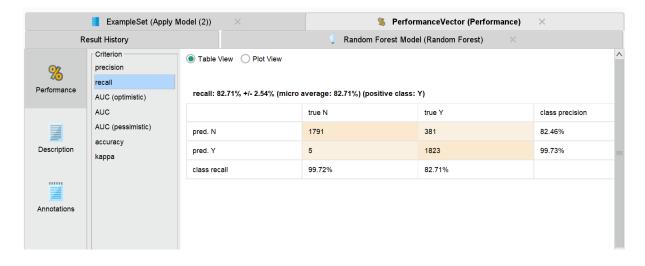


Main Process Output:

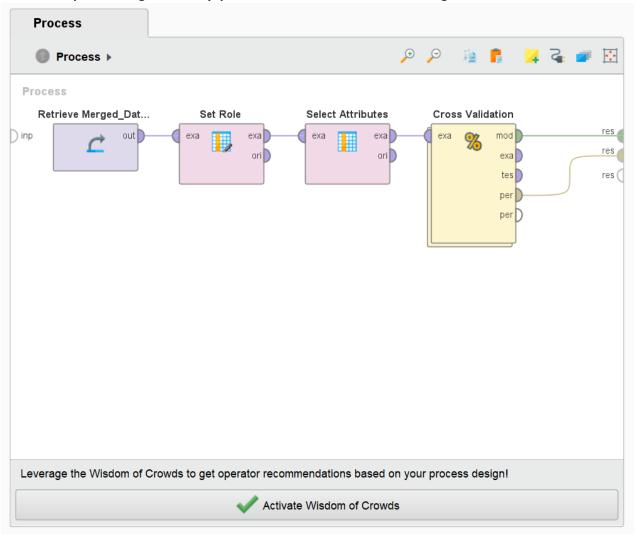


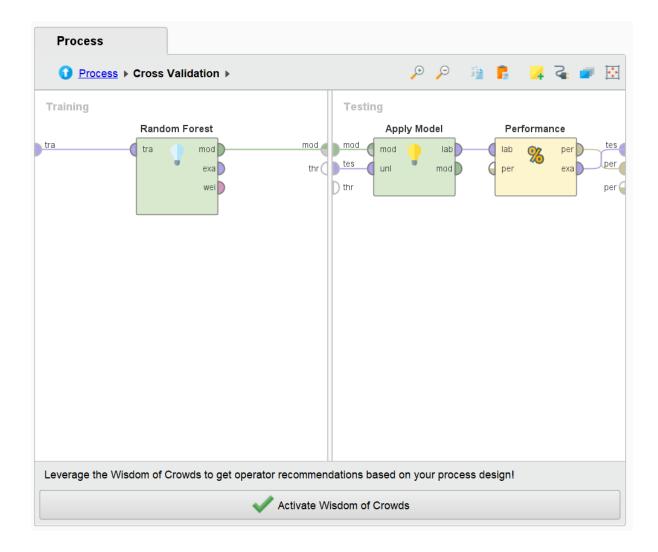






The second process to get accuracy. precision and recall value of the merged data





The output of second process:

