

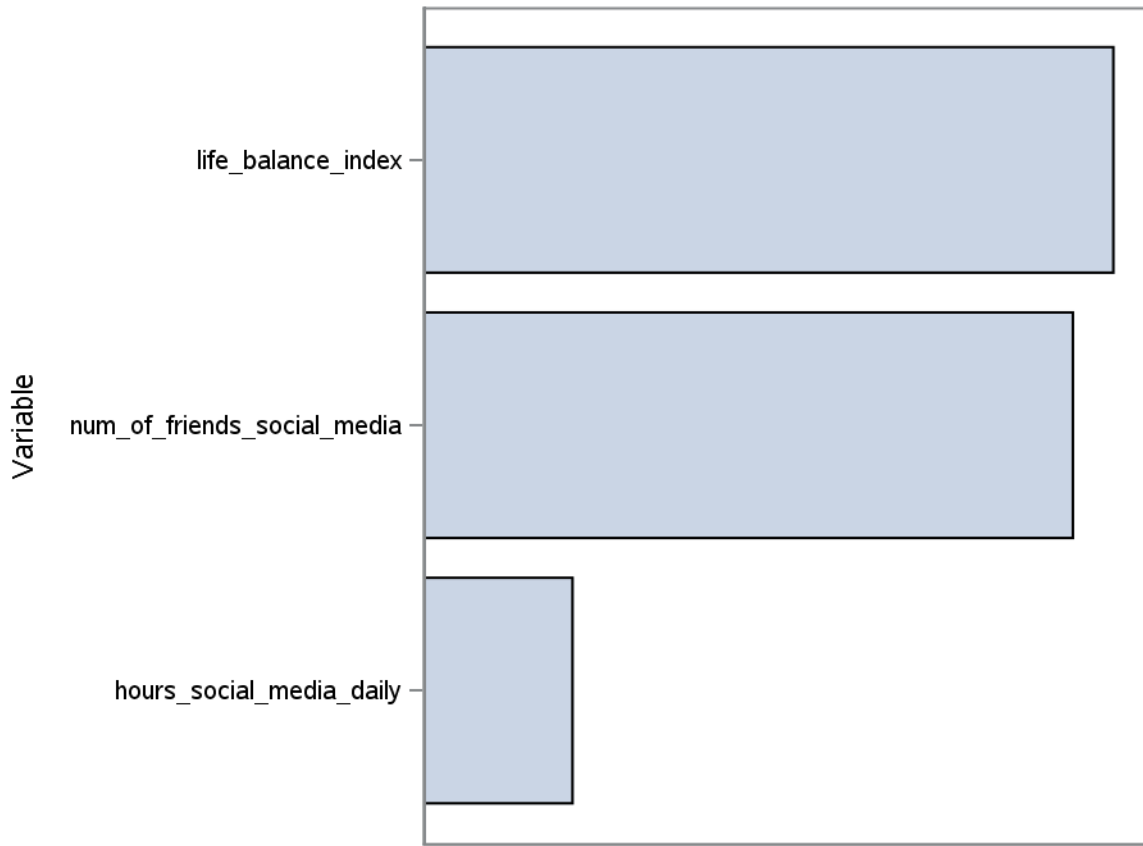
Model Summary
Data

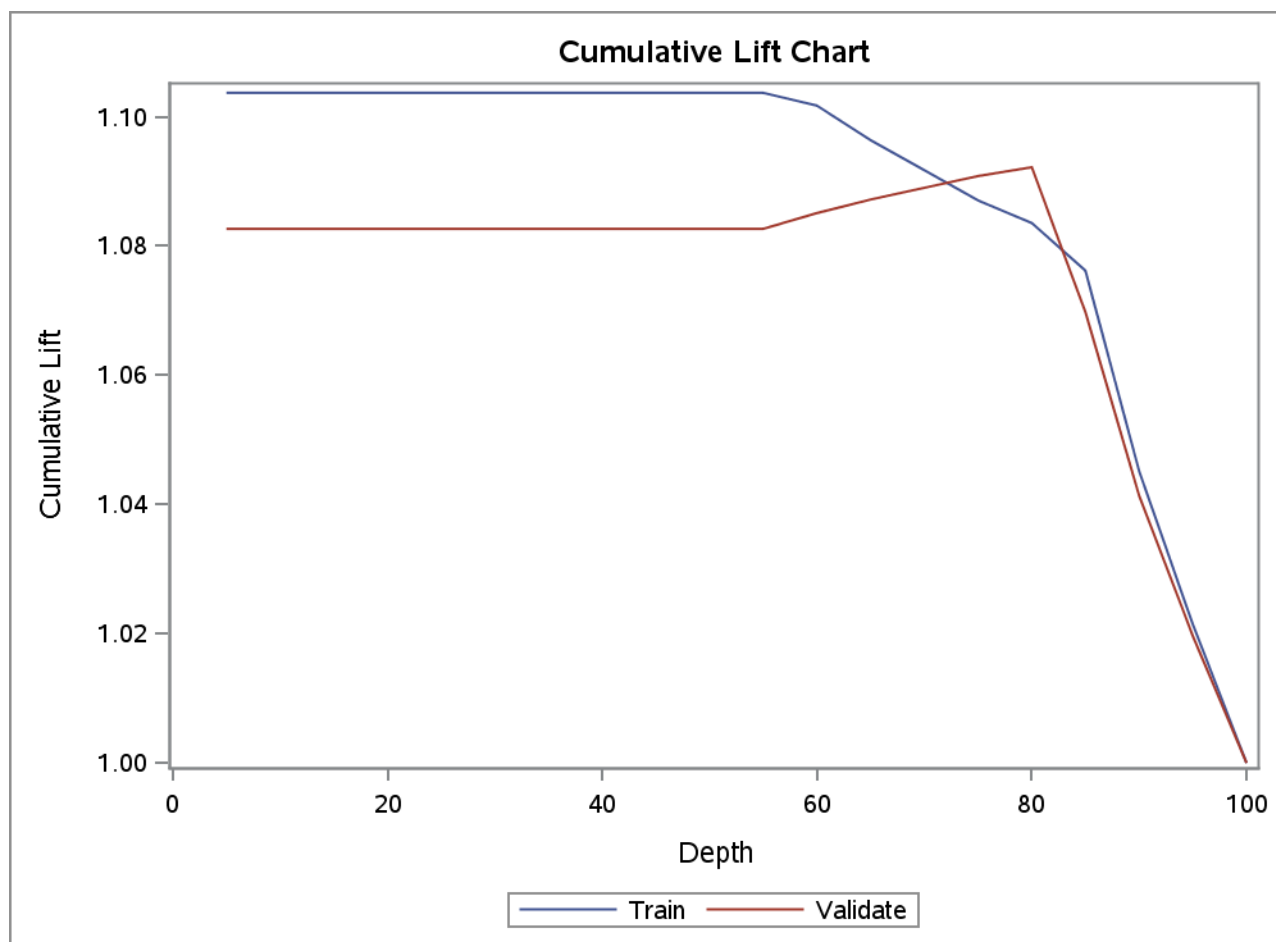
Property	Value
Input Data Source	MYLIB.HAPPINESS
Target Variable	Binary Index
Event Level	1
Observations	254
Original Variables	40
Selected Variables	3

Model Summary
Target: Binary Index

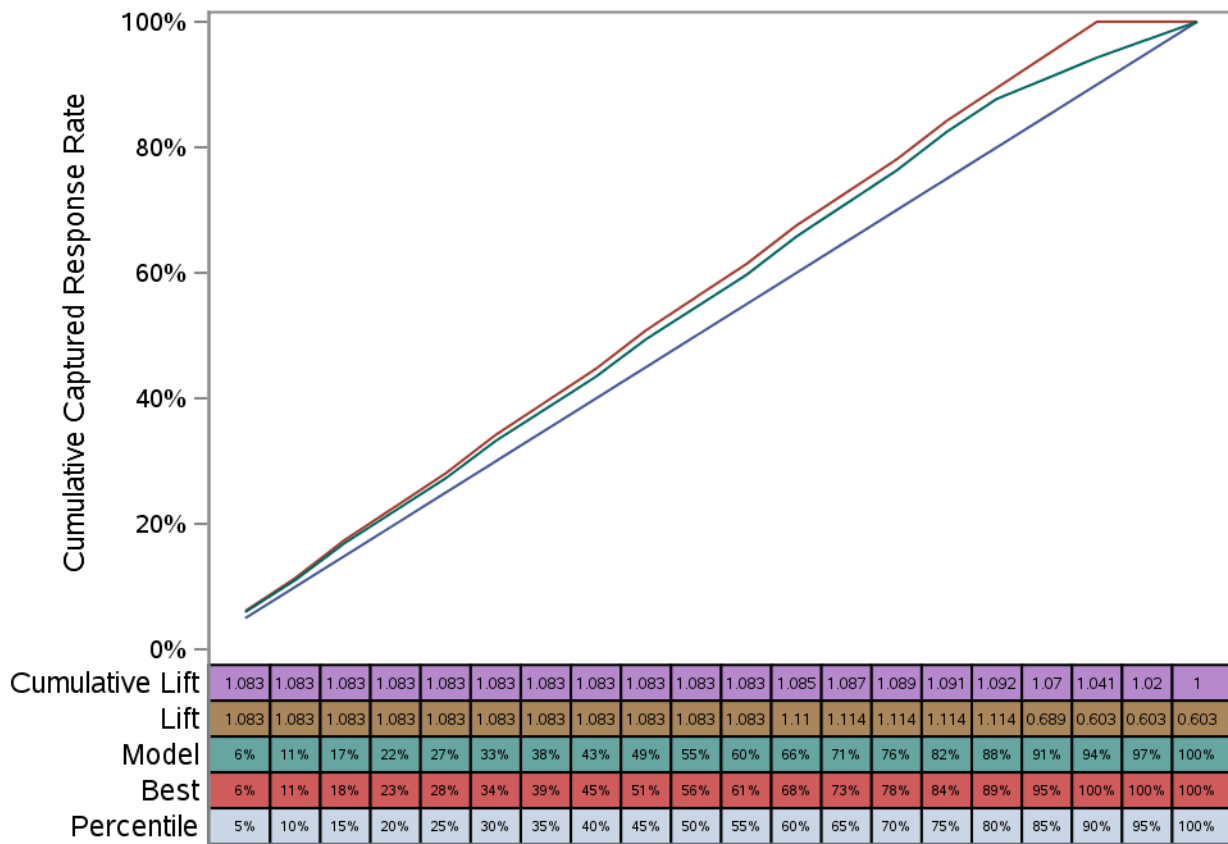
Value	CODE	Count	Data Percentage	1	0
1	0	226	0.89328	1.11947	0.00000
0	1	27	0.10672	0.00000	9.37037

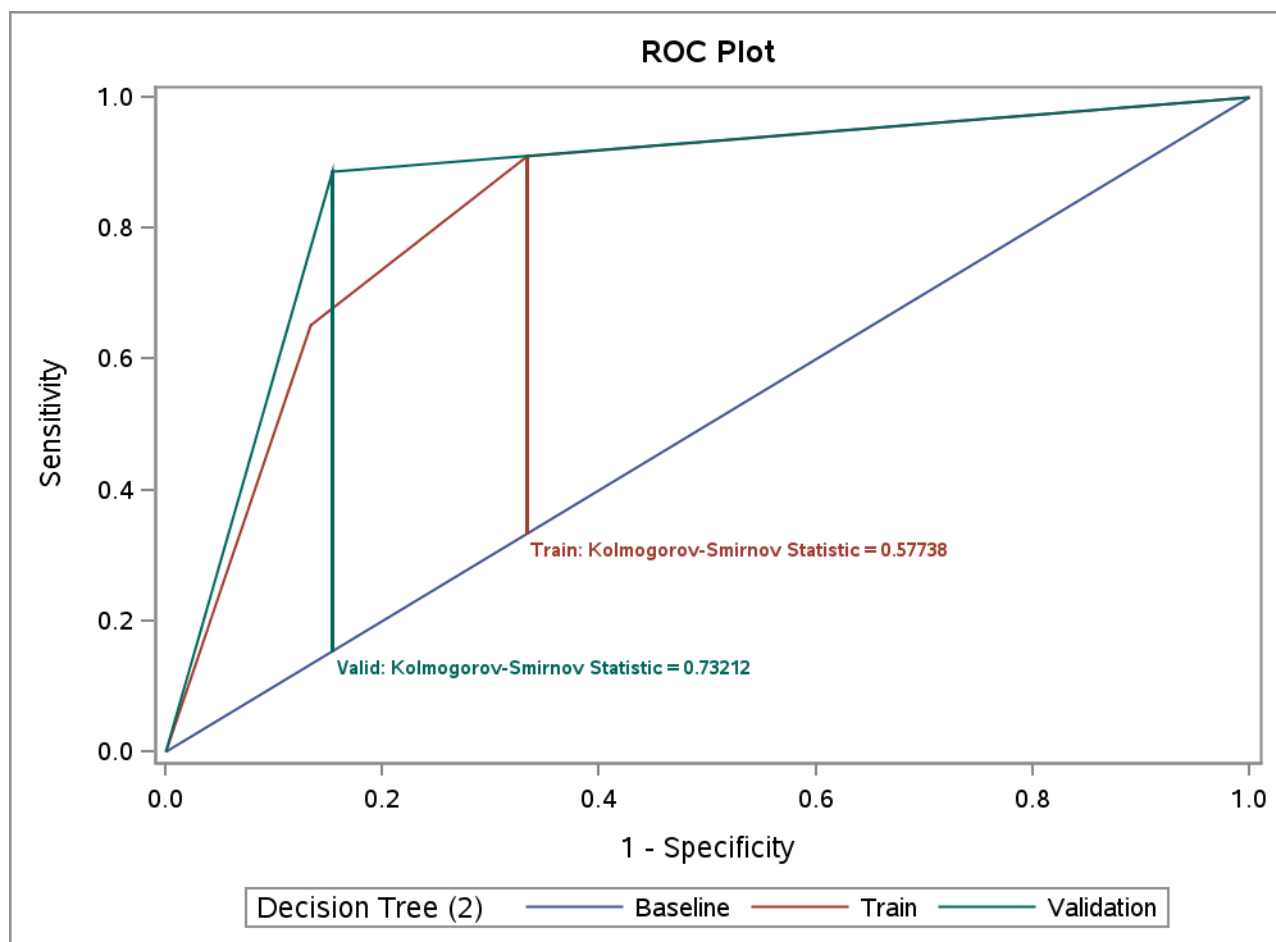
Role	Level	Original Count	Selected Input Count
Input	Binary	1	0
Input	Interval	5	2
Input	Nominal	9	1
Rejected	Interval	5	0
Rejected	Nominal	19	0
Target	Binary	1	0

Selected Variable Importance



Model Gains Chart: Cumulative Captured Response Rate by Decile





		Scorecard Points
hours_social_media_daily	1: LOW - 0.75	29.00
	2: 0.75 - 1.75	4.00
	3: 1.75 - 2.25	20.00
	4: 2.25 - 3.75	10.00
	5: 3.75 - 4.5	11.00
	6: 4.5 - 6.75	0.00
	7: 6.75 - HIGH	31.00
life_balance_index	1	0.00
	10	119.00
	2	167.00
	3	165.00
	4	117.00
	5	114.00
	6	528.00
	7	544.00
	8	544.00
	9	127.00
num_of_friends_social_media	1: LOW - 11	0.00
	2: 11 - 572	425.00
	3: 572 - HIGH	15.00

Statistic	Train	Validation
Average Squared Error	0.0746	0.0645
Maximum Absolute Error	0.9733	0.9733
Sum of Frequencies	126.0000	127.0000
Root Average Square Error	0.2732	0.2539
Sum of Square Errors	18.8045	16.3781
Misclassification Rate	0.1111	0.1024
Roc Index	0.8370	0.8440
Gini Coefficient	0.6730	0.6890
Kolmogorov-Smirnov Statistic	0.5770	0.7320
Kolmogorov-Smirnov Probability Cutoff	0.5300	.
Lift at 10%	1.1037	1.0827
Cumulative Lift at 10%	1.1037	1.0827
Captured Response at 10%	5.2143	5.1149
Cumulative % Captured Response at 10%	11.2976	11.0823

Selected Model	Model Node	Model Description	Target Label
Y	Tree2	Decision Tree (2)	Binary Index
	Reg	Main Effects Regression	Binary Index
	Reg2	Stepwise	Binary Index
	Reg3	Forwards	Binary Index

Train: Akaike's Information Criterion	Train: Lift	Valid: Lift
.	1.10369	1.08265
122.013	1.13393	1.01922
79.820	1.10369	1.08265
80.030	1.10369	1.08265

Property	Value
Name	RPM
Diagram	RPM1 - Binary Index
Path	/saswork/SAS_workD0F600018611_odaws01-prod-us/SAS_work8A5600018611_odaws01-prod-us./vpali0/RPM
Date Created	29Nov2016:18:44:12