

# Predict Categorical Fields

Predict the value of a categorical field using the values of other fields in that event.

Experiment Settings

Enter a search

inputlookup lookup\_liyan.csv

65,371 results (12/31/69 4:00:00.000 PM to 10/12/18 12:25:37.000 PM)

JobPauseSmart Mode

Preprocessing Steps

No steps added.

+ Add a step

AlgorithmField to predictFields to use for predictingSplit for training / test: 70 / 30

RandomForestClassifierbcva01AMD, BMI, Corneal, ... (32)

N EstimatorsMax DepthMax FeaturesMin Samples SplitMax Leaf Nodes

(optional)(optional)(optional)(optional)(optional)

Save the model as

liyan\_prediction\_model

Fit ModelSchedule TrainingOpen in SearchShow SPL

Prediction Results

bcva01	predicted(bcva01)	AMD	BMI	Corneal	EPI	age	charlson	cvd2	dur2	glau_rx	grpDMnoDR	grpMild	grpModSevere	grpNOS	grpNotDM	grpPDR	htn	optime	prophyNo	prophyNsaic
1	0	0	29.0	0	0	69	1	0	0.076659822	0	1	0	0	0	0	0	1	19	0	
0	0	0	27.0	0	0	63	1	0	0.0	0	0	0	0	0	1	0	1	15	1	
1	1	0	28.0	0	0	85	0	0	0.0	0	0	0	0	0	1	0	1	20	0	
1	1	0	28.0	0	1	70	0	0	0.0	0	0	0	0	0	1	0	1	43	0	
1	0	0	22.0	0	0	60	1	0	14.718685832	0	0	1	0	0	0	0	0	11	0	
0	0	0	33.0	0	0	70	0	0	0.0	0	0	0	0	0	1	0	1	19	0	
1	1	0	24.0	0	0	88	0	0	13.793292266	0	1	0	0	0	0	0	1	20	0	
0	1	0	29.0	0	0	76	0	0	0.6488706366	0	1	0	0	0	0	0	1	13	0	
1	1	1	29.0	0	0	87	0	0	0.0	0	0	0	0	0	1	0	1	9	0	
1	0	0	28.78	0	0	77	0	0	0.0	0	0	0	0	0	1	0	0	6	0	

« prev12345678910next»

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Precision0.63

Recall0.63

Accuracy0.63

F10.63

Classification Results (Confusion Matrix)

Predicted actual	Predicted 0	Predicted 1
0	5834 (63.3%)	3384 (36.7%)
1	3947 (37.9%)	6464 (62.1%)

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