

# 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)

Preprocessing Steps

No steps added.

+ Add a step

Algorithm

BernoulliNB

Field to predict

bcva01

Fields to use for predicting

AMD, BMI, Corneal,... (32)

Split for training / test: 70 / 30

Alpha

(optional)

Binarize

(optional)

Fit Prior

☒ learn class prior probabilities

Save the model as

liyan\_prediction\_model

Fit Model

Schedule Training

Open in Search

Show 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
0	1	0	27.0	0	0	63	1	0	0.0	0	0	0	0	0	1	0	1	15	1	
1	0	0	22.3	0	0	77	0	0	0.0	0	0	0	0	0	1	0	0	9	1	
1	1	0	27.0	0	0	79	2	1	0.0	0	1	0	0	0	0	0	1	6	0	
0	0	0	24.0	0	0	74	0	0	0.0	0	1	0	0	0	0	0	0	9	0	
1	0	0	28.0	0	0	85	0	0	0.0	0	0	0	0	0	1	0	1	20	0	
0	0	0	19.95	0	0	80	1	0	0.0	0	0	0	0	0	1	0	0	9	0	
1	1	0	22.96	1	0	85	0	0	12.881587953	0	1	0	0	0	0	0	1	12	0	
1	1	0	28.0	0	0	83	0	0	16.859685147	0	0	1	0	0	0	0	1	11	0	
0	1	0	32.83	0	0	77	1	0	13.639972621	0	1	0	0	0	0	0	1	10	0	
1	0	0	29.0	0	0	70	0	0	0.0	0	0	0	0	0	1	0	1	16	0	

« prev

1

2

3

4

5

6

7

8

9

10

next »

Open in Search

Show SPL

Schedule Alert

Precision0.59

Recall0.59

Accuracy0.59

F10.59

Classification Results (Confusion Matrix)

Predicted actual	Predicted 0	Predicted 1
0	4990 (53.9%)	4262 (46.1%)
1	3885 (37.3%)	6540 (62.7%)

Open in Search

Show SPL