

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

All time

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

Algorithm

Field to predict

Fields to use for predicting

Split for training / test: 70 / 30

GaussianNB

bcva01

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

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
1	0	0	30.0	0	0	73	2	0	0.0	0	0	0	0	0	1	0	1	17	1	
0	0	0	19.0	0	0	81	1	0	0.0	0	0	0	0	0	1	0	0	14	0	
1	0	0	37.0	0	0	74	1	1	0.0	0	0	0	0	0	1	0	1	16	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	1	25.0	0	0	71	0	0	0.0	0	0	0	0	0	1	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	0	0	20.0	0	0	73	0	0	0.0	0	0	0	0	0	1	0	0	34	0	
0	0	0	32.83	0	0	77	1	0	13.639972621	0	1	0	0	0	0	0	1	10	0	
0	0	0	26.0	0	0	70	1	0	0.0	0	1	0	0	0	0	0	0	18	0	
0	0	0	35.0	0	0	68	1	1	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

Precision

0.61

Recall

0.56

Accuracy

0.56

F1

0.58

Classification Results (Confusion Matrix)

Predicted actual	Predicted 0	Predicted 1
0	7733 (84.4%)	1431 (15.6%)
1	7194 (68.5%)	3303 (31.5%)

Open in Search

Show SPL