
TextGrocery Documentation

0.1.3

2shou

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Contents

1		3
2		5
3		7
3.1	7
3.2	API	8

[TextGroceryLibLinear](#)

[GitHub](#)

CHAPTER 1

- 324.8
- 321.6
- scikit-learnsvm

	%	
scikit-learn()	76.8%	134
scikit-learn(svm)	76.9%	121
TextGrocery	79.6%	49

CHAPTER 2

1. GitHub

```
git clone https://github.com/2shou/TextGrocery.git
cd TextGrocery
make
```

2. pip

```
pip install tgrocery
```



```
>>> from tgrocery import Grocery
#
>>> grocery = Grocery('sample')
#
>>> train_src = [
    ('education', ''),
    ('education', ' '),
    ('sports', '16 '),
    ('sports', ' ')
]
>>> grocery.train(train_src)
# tab
>>> grocery.train('train_ch.txt')
#
>>> grocery.save()
#
>>> new_grocery = Grocery('sample')
>>> new_grocery.load()
#
>>> new_grocery.predict('')
education
#
>>> test_src = [
    ('education', '18 26'),
    ('sports', ':810'),
]
>>> new_grocery.test(test_src)
#
0.5
#
>>> new_grocery.test('test_ch.txt')
#
>>> custom_grocery = Grocery('custom', custom_tokenize=list)
```

API

Grocery

```
class tgrocery.Grocery(name, custom_tokenize=None)
```

-
- custom_tokenizecustom_tokenize

```
def Grocery.train(train_src, delimiter='\t')
```

- train_src
 - tuple
 - \t
- delimitertrain_src

```
def Grocery.get_load_status()
```

```
def Grocery.predict(single_text)
```

-
- GroceryPredictResult

```
def Grocery.save()
```

- Groceryname
-

```
def Grocery.load()
```

- Groceryname
- Grocery

```
def Grocery.test(test_src, delimiter='\t')
```

- test_src
 - tuple
 - \\t
- delimitertest_src
- GroceryTestResult

GroceryPredictResult

```
GroceryPredictResult.predicted_y
```

```
GroceryPredictResult.dec_values
```

-
- dictkeyvalue

GroceryTestResult

```
GroceryTestResult.accuracy_overall
```

01

```
GroceryTestResult.accuracy_labels
```

-
- dictkeyvalue

```
GroceryTestResult.recall_labels
```

-
- dictkeyvalue

```
def GroceryTestResult.show_result()
```

-