```
Text="I am learning NLP"
```

```
import pandas as pd
pd.get_dummies(Text.split())
```

1 to 4 of 4 entries Filter

index	I	NLP	am	learning
0	true	false	false	false
1	false	false	true	false
2	false	false	false	true
3	false	true	false	false

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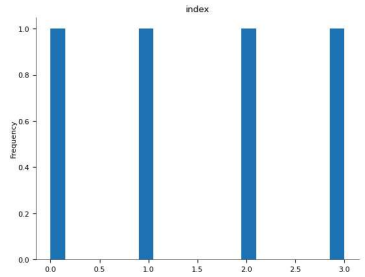
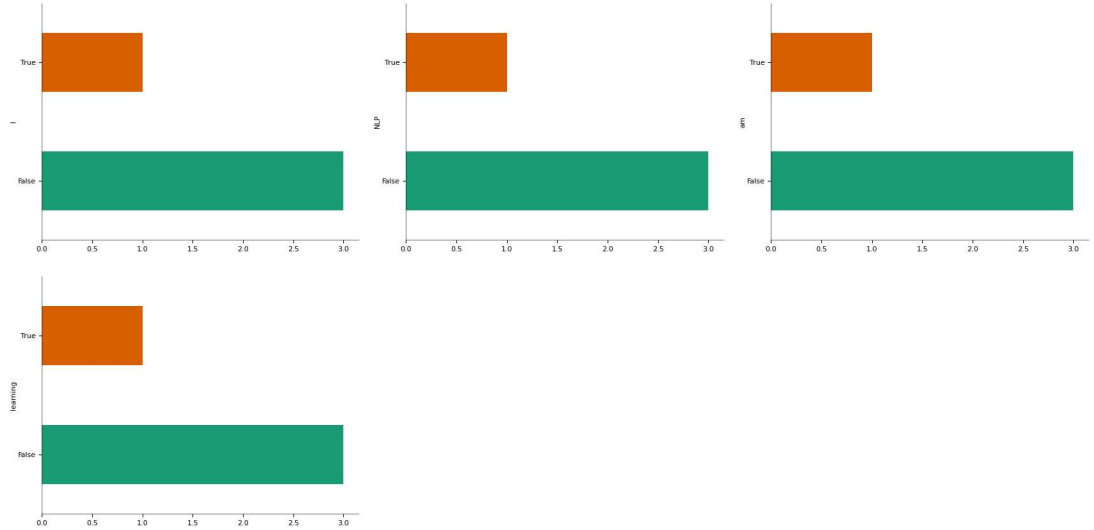
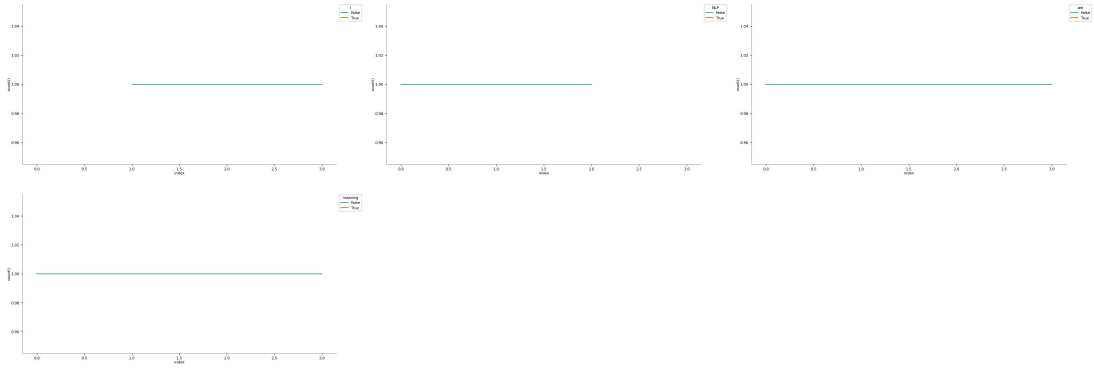
Distributions



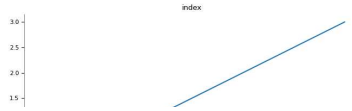
Categorical distributions

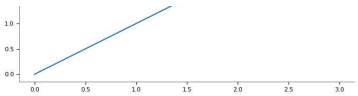


Time series

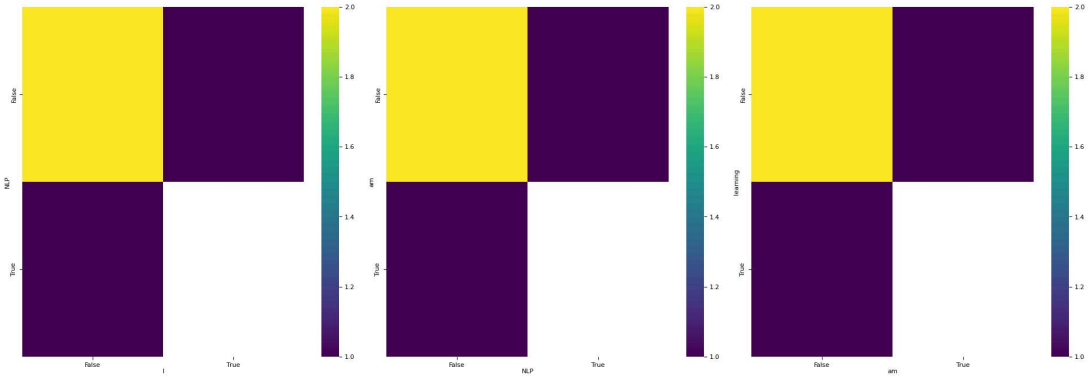


Values





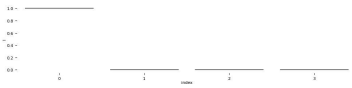
2-d categorical distributions



Faceted distributions

```
<string>:5: FutureWarning:

Passing `palette` without assigning `hue` is deprecated and will be removed in v0.14.0.
```



```
                        <string>:5: FutureWarning:
```

```
text=["i love NLP and i will learn NLP in 2month"]
```

```
from sklearn.feature_extraction.text import CountVectorizer
Vectorizer=CountVectorizer()
x=Vectorizer.fit(text)
vector=Vectorizer.transform(text)
```

```
print(vectorizer.vocabulary_)
print(vector.toarray())
```

```
{'love': 4, 'nlp': 5, 'and': 1, 'will': 6, 'learn': 3, 'in': 2, '2month': 0}
[[1 1 1 1 1 2 1]]
```

```
print(vector)
```

```
  (0, 0)        1
  (0, 1)        1
  (0, 2)        1
  (0, 3)        1
  (0, 4)        1
  (0, 5)        2
  (0, 6)        1
```

```
df=pd.DataFrame(data=vector.toarray(),columns=Vectorizer.get_feature_names_out())
```

```
df
```

1 entry Filter

index	2month	and	in	learn	love	nlp	will
0	1	1	1	1	1	2	1

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```
text="I am learning NLP"
```

```
from textblob import TextBlob
TextBlob(text).ngrams(1)
```

```
[WordList(['I']), WordList(['am']), WordList(['learning']), WordList(['NLP'])]
```

```
import nltk
nltk.download('punkt_tab')
```

```
[nltk_data] Downloading package punkt_tab to /root/nltk_data...
[nltk_data]   Unzipping tokenizers/punkt_tab.zip.
True
```

```
TextBlob(text).ngrams(2)
```

```
[WordList(['I', 'am']),
 WordList(['am', 'learning']),
 WordList(['learning', 'NLP'])]
```

```
TextBlob(text).ngrams(3)
```

```
[WordList(['I', 'am', 'learning']), WordList(['am', 'learning', 'NLP'])]
```