
nexus

Sprint passada

Pré processamento

1. Segmentação
2. Tokenização
3. Stop-words
4. Lematização
5. NER
6. Bag of Words

Acurácia:

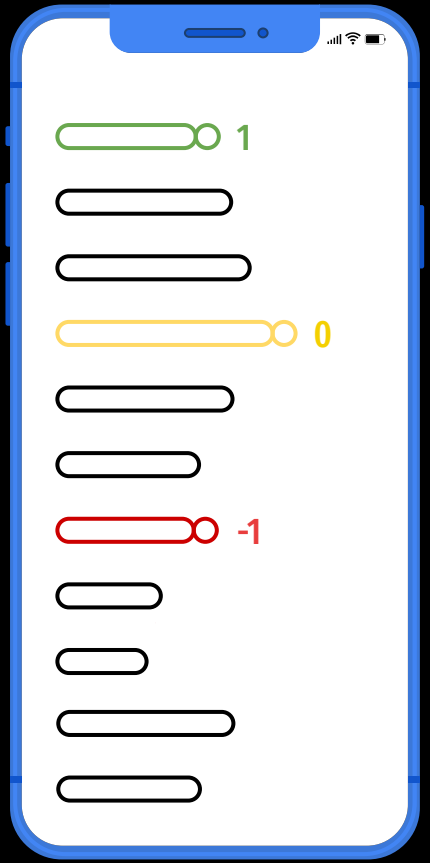
0.63

Matriz Confusão:

```
[[1264  123    5]
 [  88  394    0]
 [  31   45   63]]
```

Desafio

Criar um modelo para
análise de sentimentos

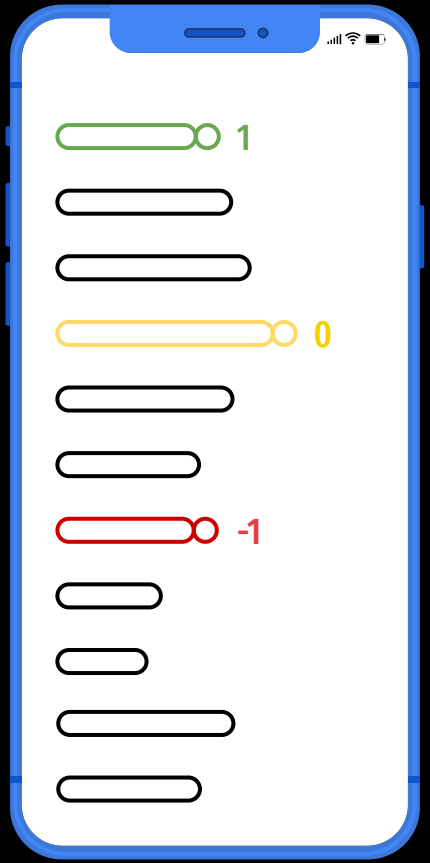


Desafio

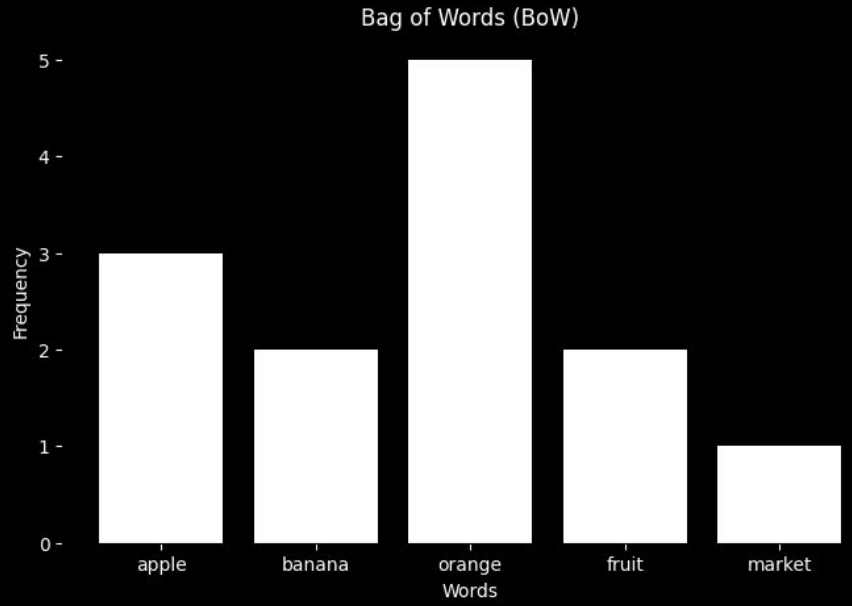
Criar um modelo para
análise de sentimentos

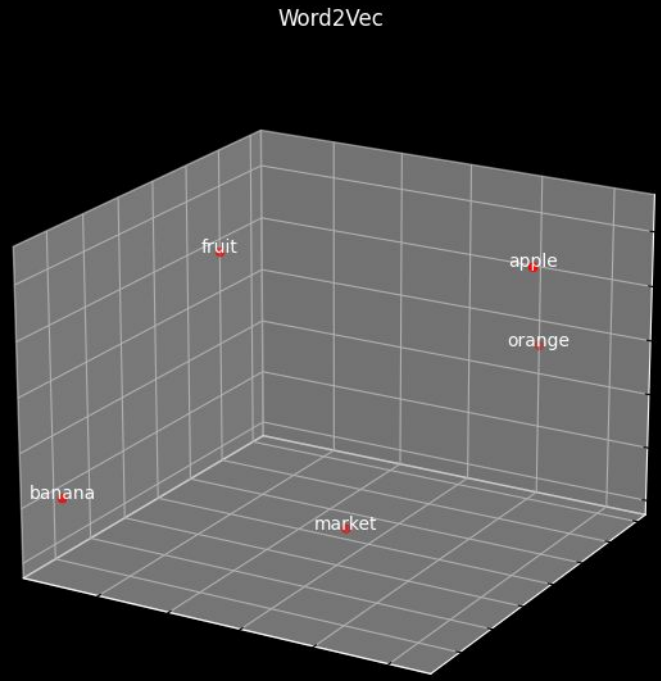
Objetivo da Sprint

Criação de um modelo Word2Vec



Entendendo o Word2Vec

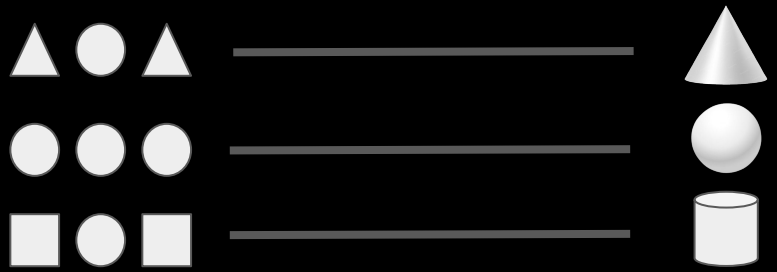




Modelos

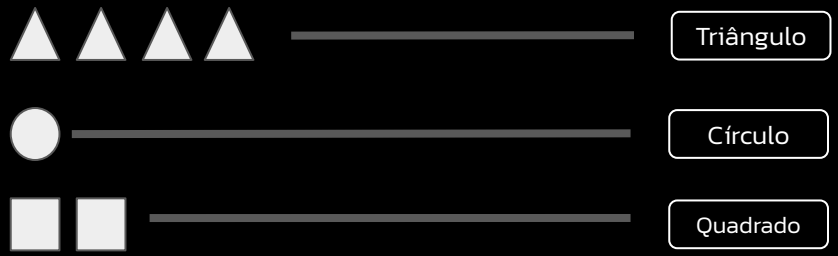
Naive Bayes

Modelos + W2VEC



Modelos

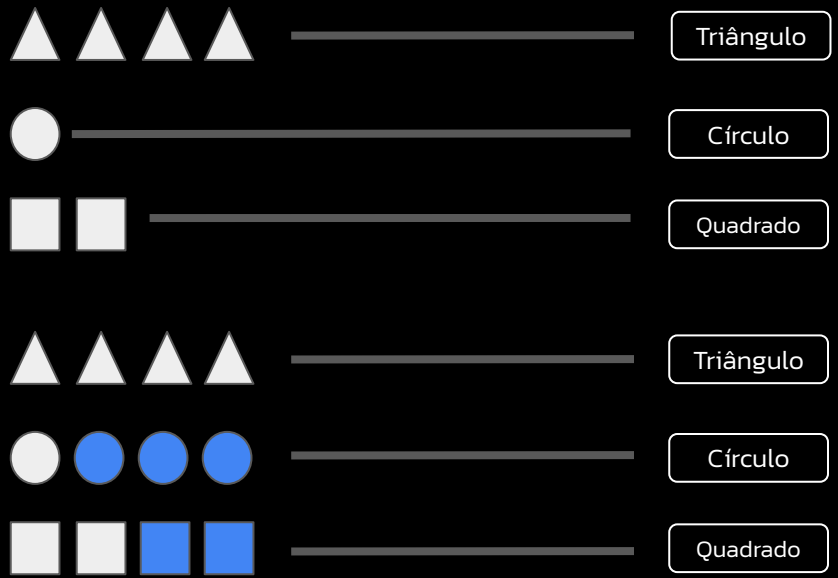
Naive Bayes



Embedding Layer

Modelos

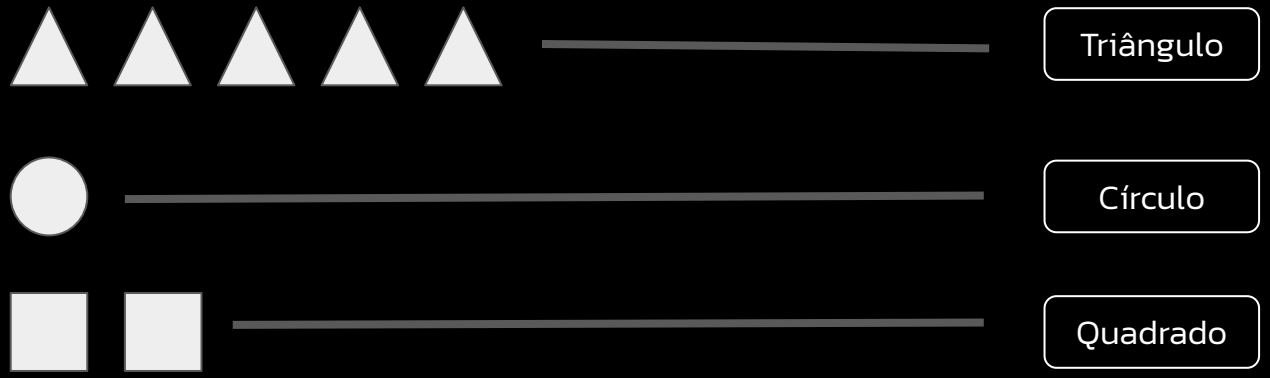
Naive Bayes



Embedding Layer

Apresentando métodos

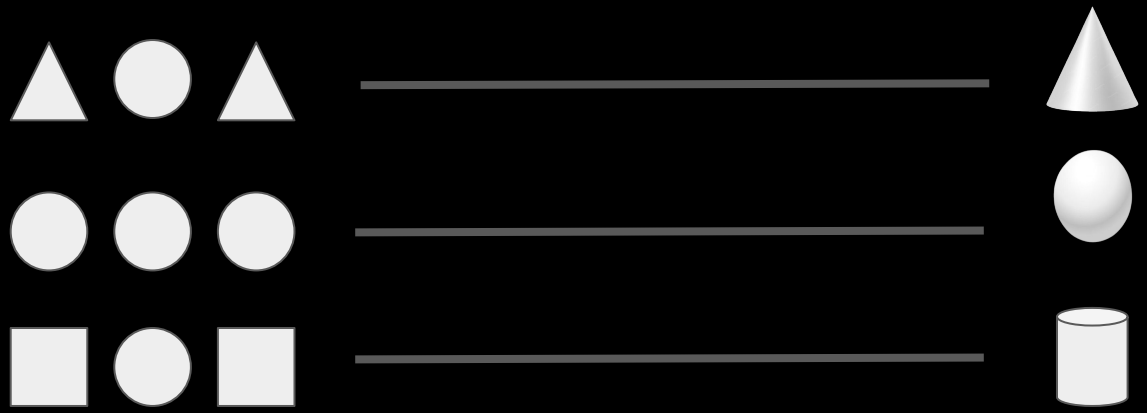
Antigo Naive Bayes



Acurácia de teste: 0.63

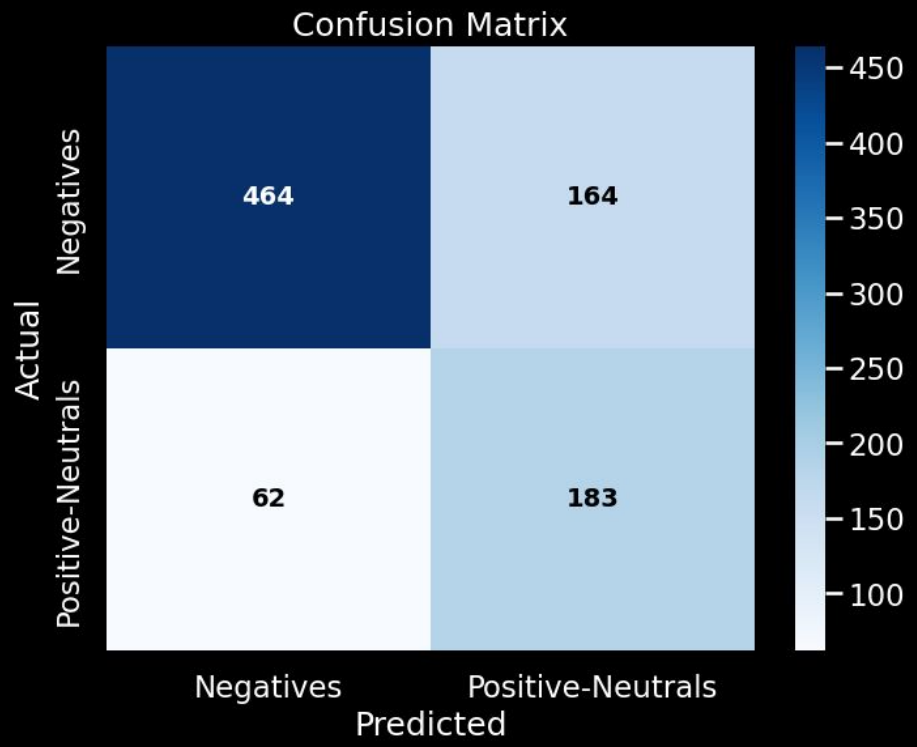
Apresentando métodos

Novo Naive Bayes



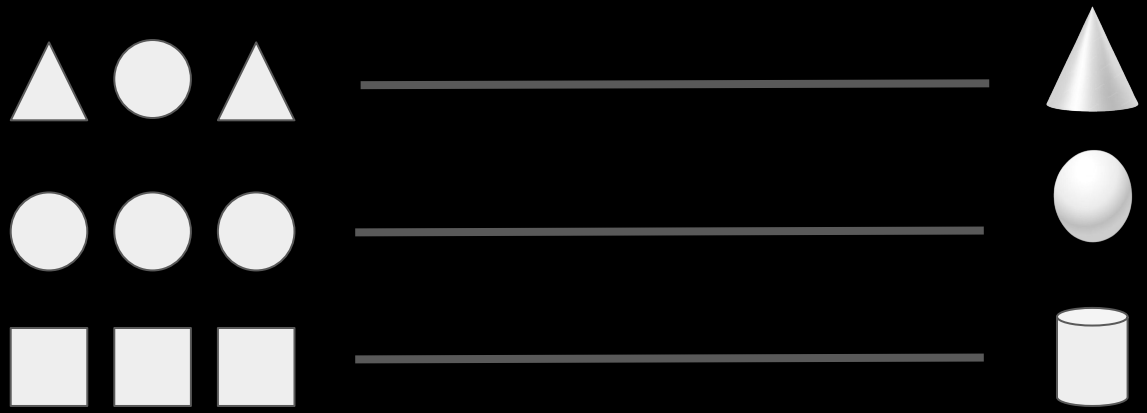
Acurácia de teste: 0.74

Naive Bayes- Matriz de Confusão



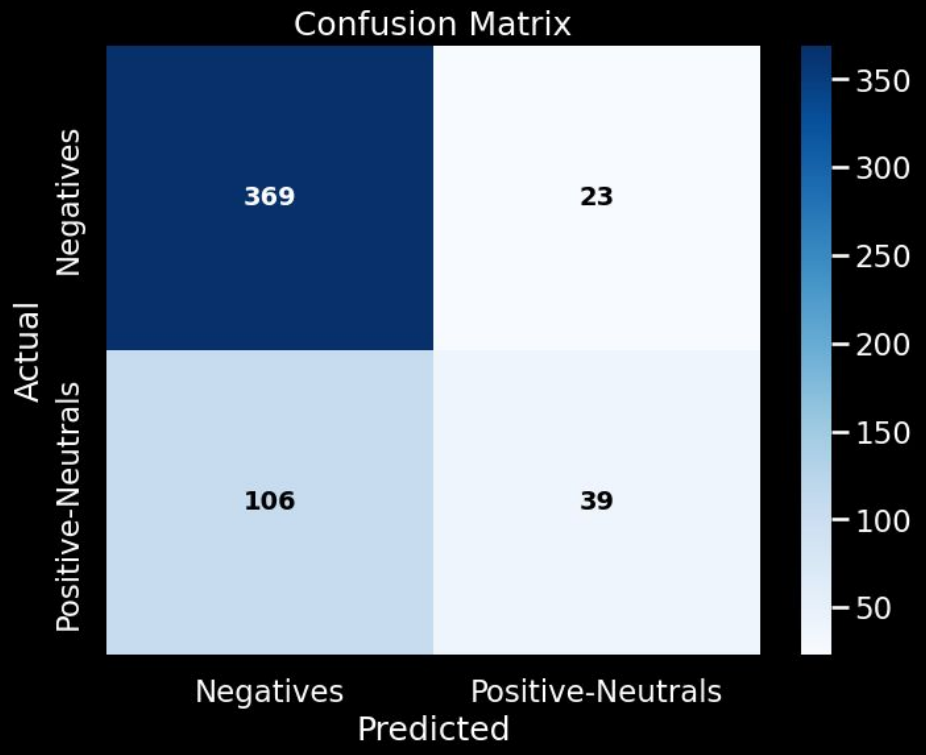
Apresentando métodos

Embedding Layer



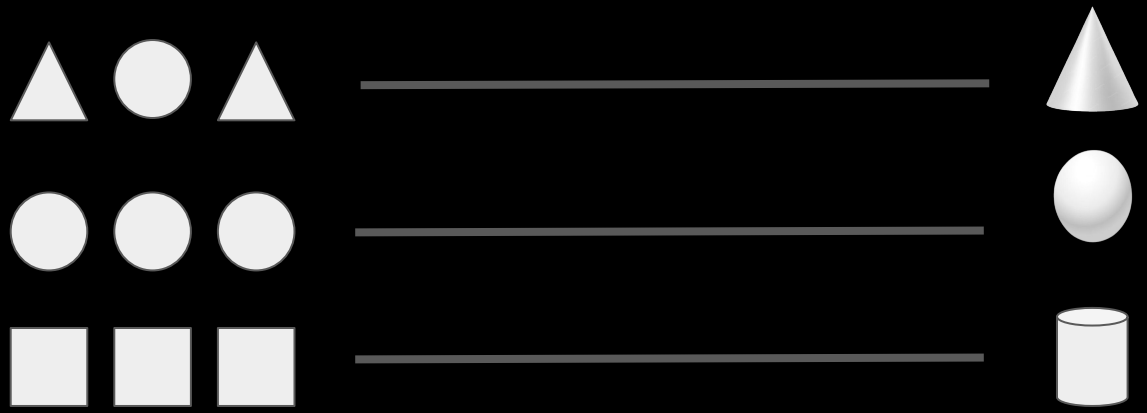
Acurácia de teste: 0.75

Embedding Layer – Matriz de Confusão



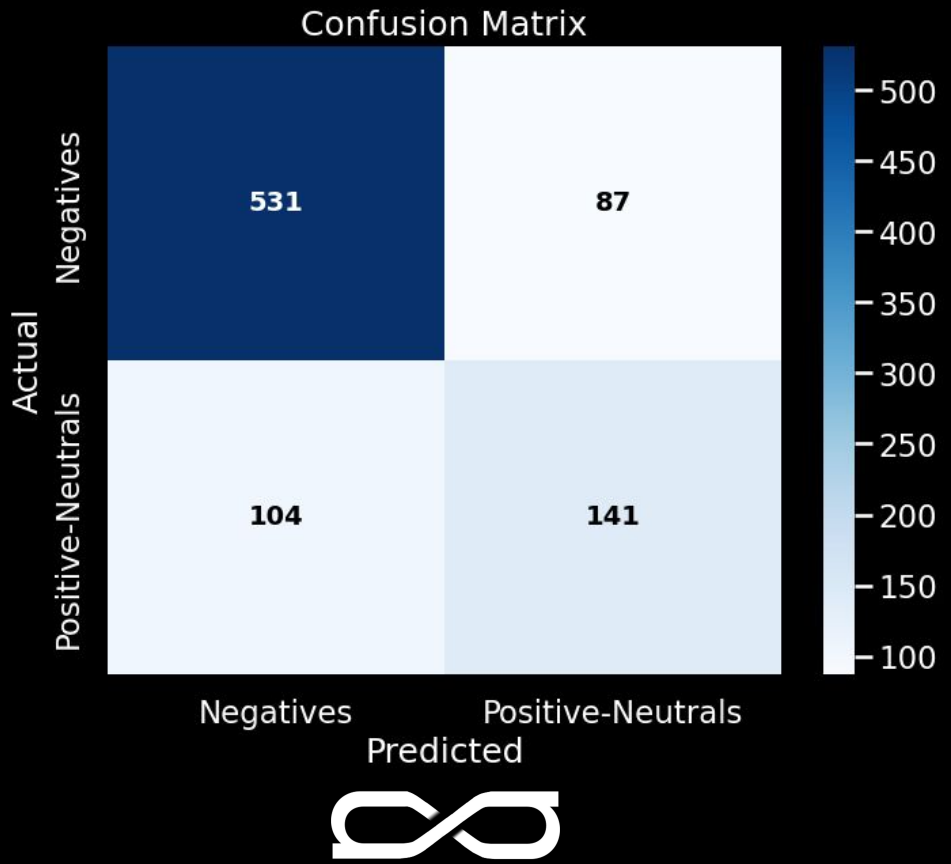
Apresentando métodos

Logistic Regression



Acurácia de teste: 0.77

Logistic Regression- Matriz de Confusão



Comparação de modelos

Naive Bayes

Embedding layer

Logistic Regression

Comparação de modelos

74%

Naive Bayes

75%

Embedding layer

🏹 77%

Logistic Regression

Próximos passos

- Implementação de API

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Daniel Zular

Davi Motta

Enzo Boccia

Erik Batista

Lucas Barbosa

Paulo Octavio


nexus