

## Objetivo



Entender as
principais
características da
linguagem Julia e
explorar recursos
da linguagem
para Análise de
Sentimentos.



Gratuito e
Open – Source
sob a Licensa
MIT

Projetado para paralelismo e computação distribuída

Possui
performance de
linguagem com
tipagem estática
(C)

Computação Numérica e Cientifíca Suporte Unicode e UTF-8



**IDE Interativa** 

Gerenciador de Pacotes

Chamada direto de código C e Python

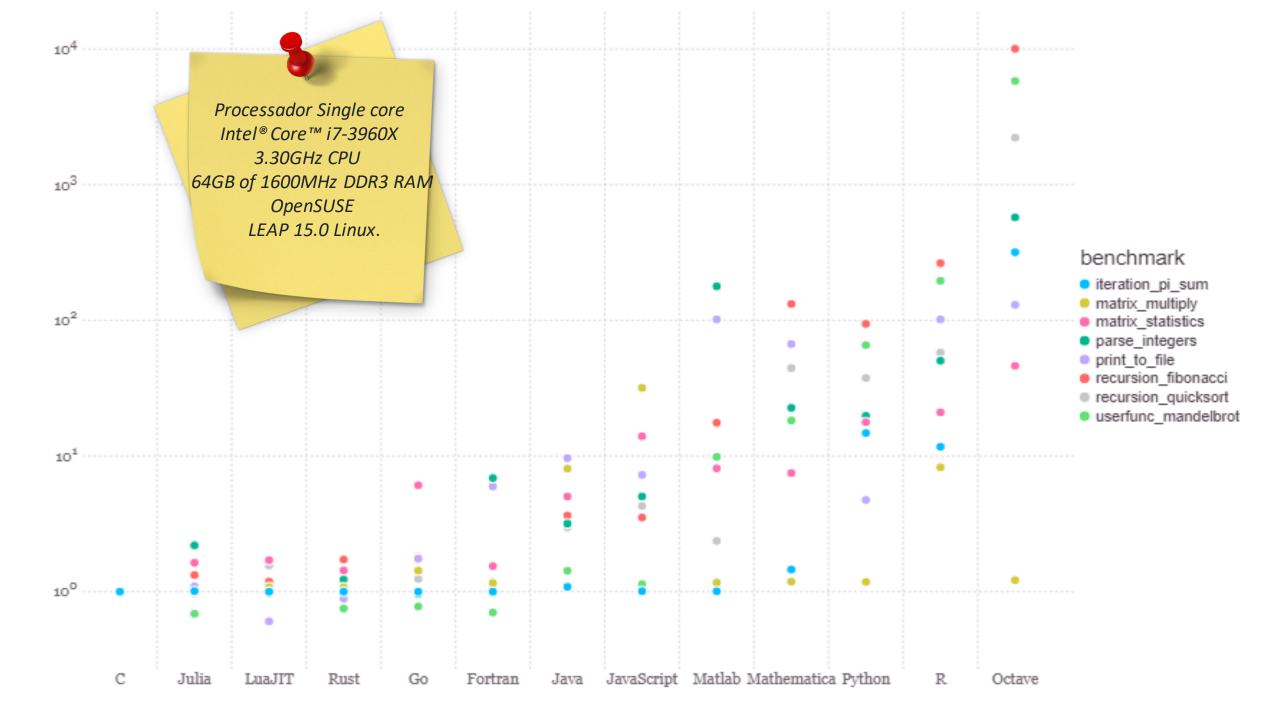
Compilador Just-in-Time baseado em LLVM Simples e Fácil de usar

### Concorrentes



Fortran





















### Ambiente para o Desenvolvimento



## O que é "Análise de Sentimentos"?

- Análise de Sentimento é a detecção de Atitudes(Stanford)
  - 1. Origem
  - 2. Objetivo
  - 3. Tipo
  - 4. Textos verbais ou não verbais

## O que é "Análise de Sentimentos"?

- Análise de Sentimento é o processo de determinar se uma linguagem é verbal/não verbal é
  - 1. Positivo
  - 2. Negativo
  - 3. Neutro



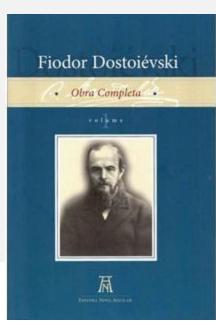






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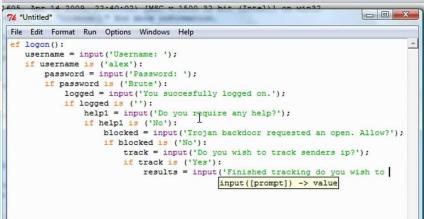


#### **UOL notícias** Internacional

Escovação 3 vezes por dia explica falta de pasta de dente, diz ministra na Venezuela .....

ÚLTIMAS - SEU ESTADO - CIÊNCIA E SAÚDE ECONOMIA - INTERNACIONAL JORNAIS OPIN





É PROIBIDO FUMAR NESTE LOCAL



## "Análise de Sentimentos"

- Sinônimos(Stanford)
  - 1. Option extraction
  - 2. Option mining
  - 3. Sentiment mining
  - 4. Subjectivity analysis

# Não Quero minha opinião apenas que ela seja RESPEIT

#prosaetexto

@arrojadamix

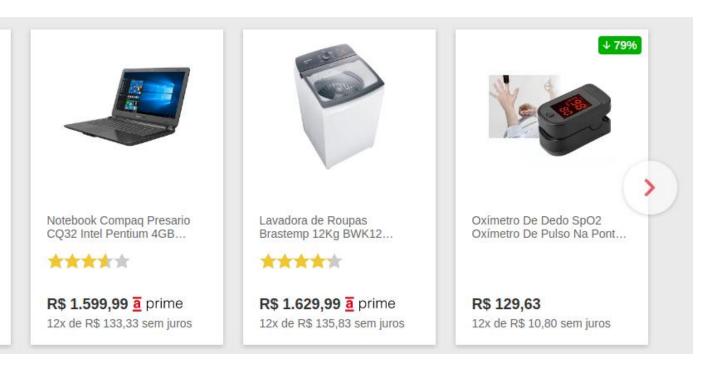








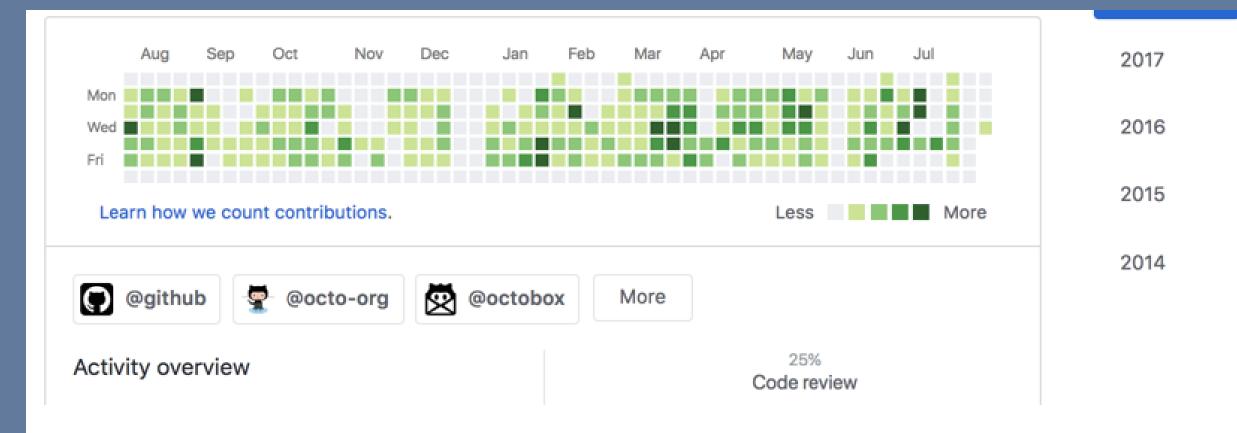














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Summary

Experience

BrightFire LLC

#### **Timothy Bellows**

Social Media Specialist at BrightFire LLC Greater Atlanta Area | Writing and Editing

Current BrightFire LLC, Independent Education University of North Georgia

Experienced writer and editor with a demonstrated history of working in the education management

industry. Skilled in researching, writing, and editing copy and other content across a wide array of subjects. Strong media and communication professional with a Bachelor's degree focused in

English/Writing & Publication from University of North Georgia.

89 connections

#### Edit Content

This is your public profile. To edit its sections, update your profile.

Personalize the URL for your profile.

www.linkedin.com/in/timothy-bellows-

**Edit contents** 

& Edit URL

45a506162 🖉

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Learn more

Your profile's public visibility



#### Basic (required)

 Name, number of connections, industry, and region

Profile Photo

Your connections

Only LinkedIn members directly connected to

( ) Your network

Only LinkedIn members connected up to three degrees away from you.

All LinkedIn Members

O Public

All Linkedin members, and others who find



Details

Past Experience



Show Education

#### Freelance Copywriter Independent

Social Media Specialist

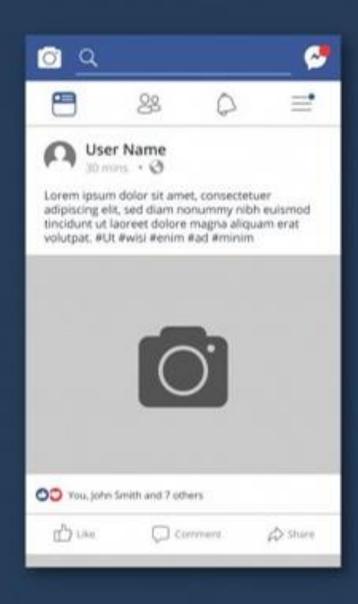
October 2018 - Present (2 months) | Suwanee, GA



#### University of North Georgia

Bachelor's degree, English/Writing & Publication 2012 - 2015





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## Ambiguidade



Ana é Bonita



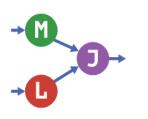
Ana não é Bonita





• Ana Caprichou Bonito





### TextAnalysis.jl



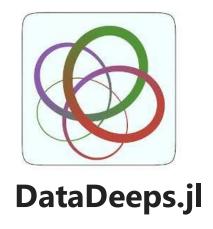
#### "Análise de Sentimentos"

Análise de Sentimento é um tópico vital no campo da NPL.(DataCamp)

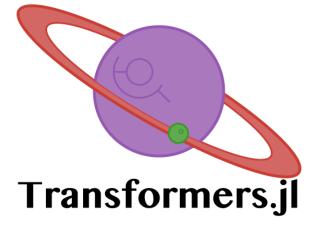
E está intimamente relacionada com Machine Learning







Knet.jl



WordTokenizers.jl



## Create new value from your data

Train custom machine learning models to get topic, sentiment, intent, keywords and more.

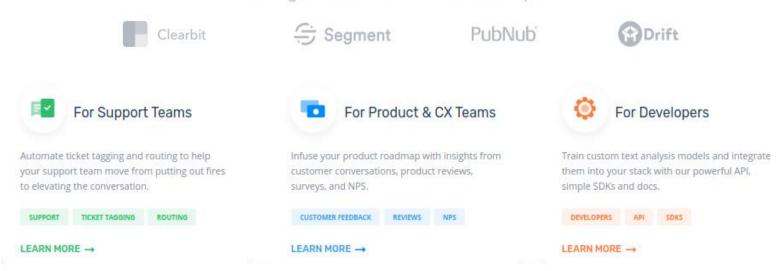
Do it in hours —not weeks— right inside the tools you already love.

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Schedule a Demo



#### Powering the world's most innovative companies



### MonkeyLearn

## Software as a Service(SaaS)

### Operações e Algoritmos + Usados

Análise Baseado em regras(NPL)

- Stemming
- Tokenization
- Part of speech tagging
- Parsing
- Lexicon analysis (depending on the relevant context)

Análise Automática (ML Supervisionado e ML não supervisionado)

- Linear Regression
- Naive Bayes
- Support Vector Machines
- RNN derivatives LSTM and GRU.





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- Geeks-World.[Online] < <a href="https://geeks-world.github.io/articles/475922/index.html">https://geeks-world.github.io/articles/475922/index.html</a> >. [Acessado em 3 jun. 2020].

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