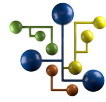




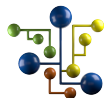
Formação Inteligência Artificial



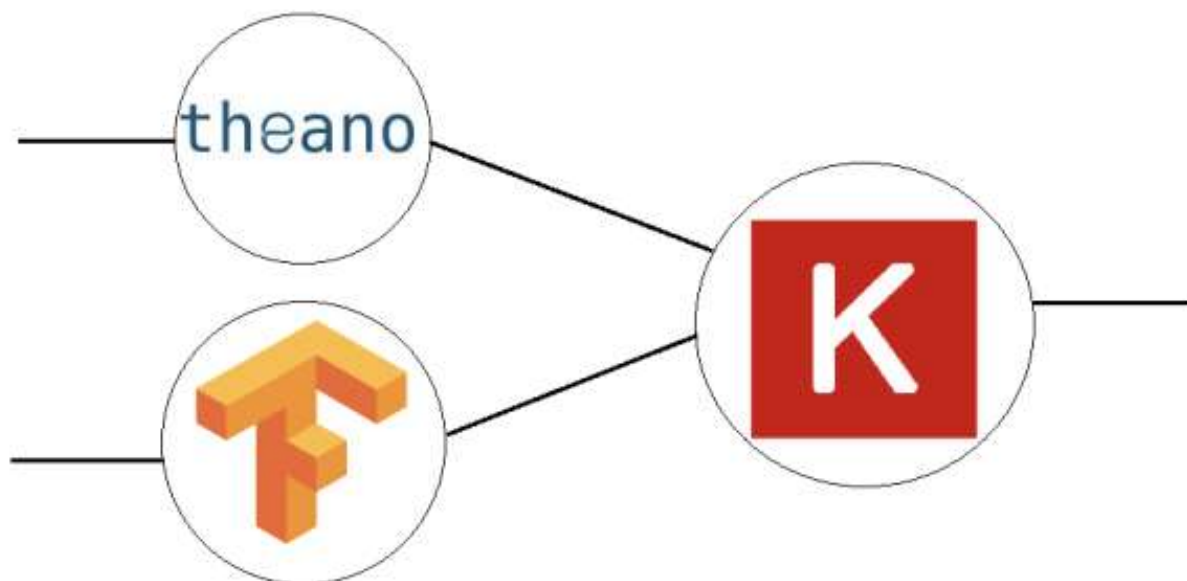
Deep Learning Frameworks



Keras

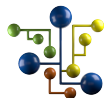


Keras



Keras é uma biblioteca de Python minimalista para aprendizagem profunda que pode ser executado sobre Theano ou TensorFlow. Ele foi desenvolvido para tornar a implementação de modelos de aprendizagem profunda o mais rápido e fácil possível tanto para pesquisa quanto para desenvolvimento. Código criado com Keras, pode ser executado em GPUs e CPUs. Keras é open-source, sendo disponibilizado sob a licença MIT.

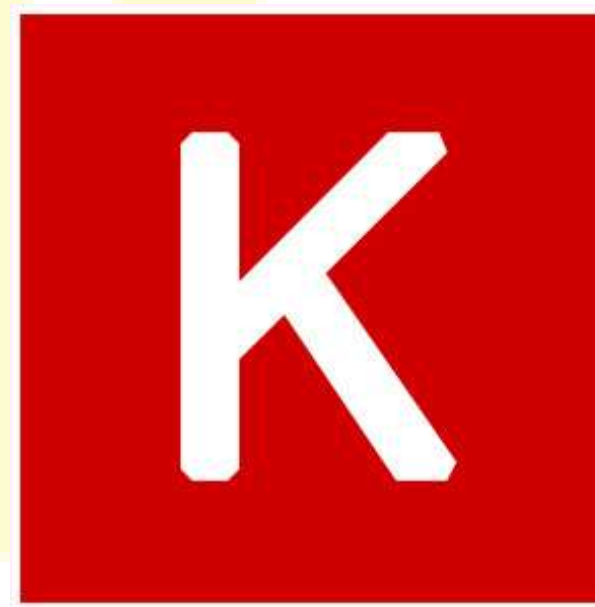
Keras



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Keras foi desenvolvido como parte do esforço de pesquisa do projeto ONEIROS (Open-ended Neuro-Electronic Intelligent Robot Operating System) e seu principal autor e mantenedor é François Chollet, engenheiro da Google.

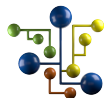


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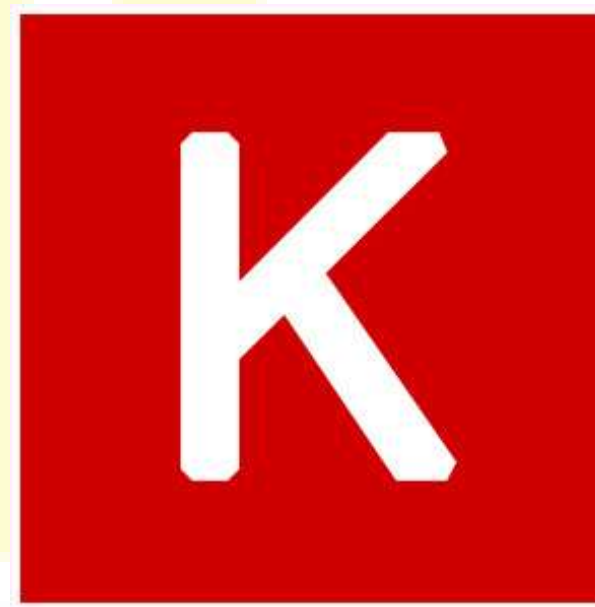
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Keras é o segundo framework de Deep Learning com o crescimento mais rápido após o TensorFlow da Google e o terceiro maior após TensorFlow e Caffe.

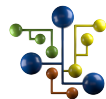


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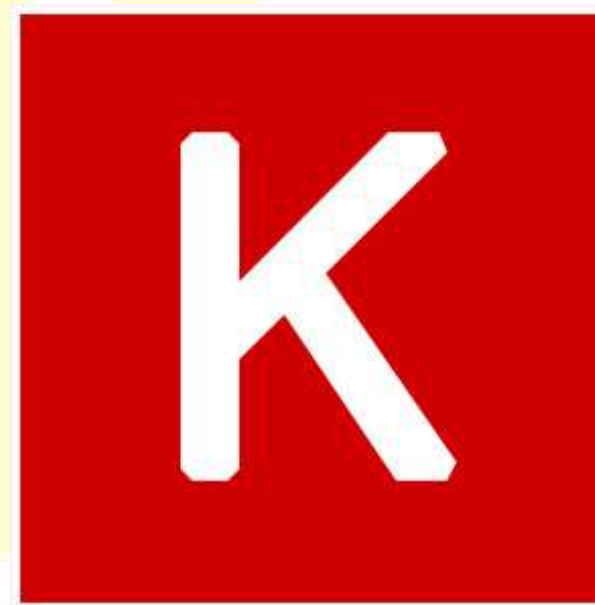
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Modularidade

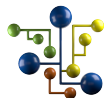


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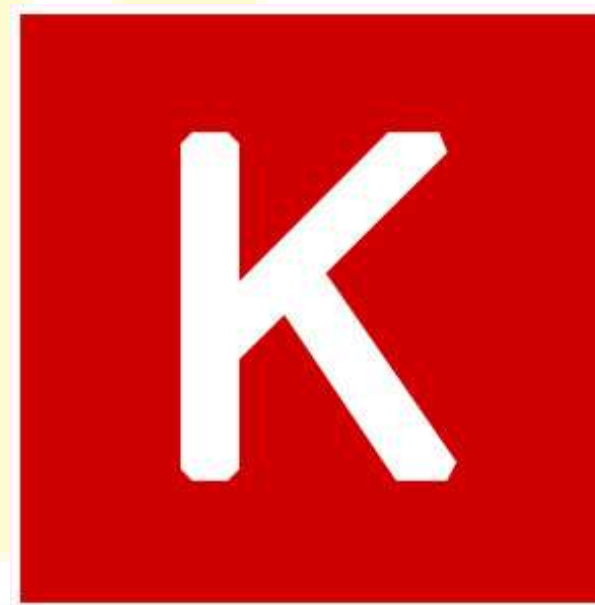
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Facilidade de Uso

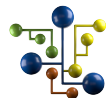


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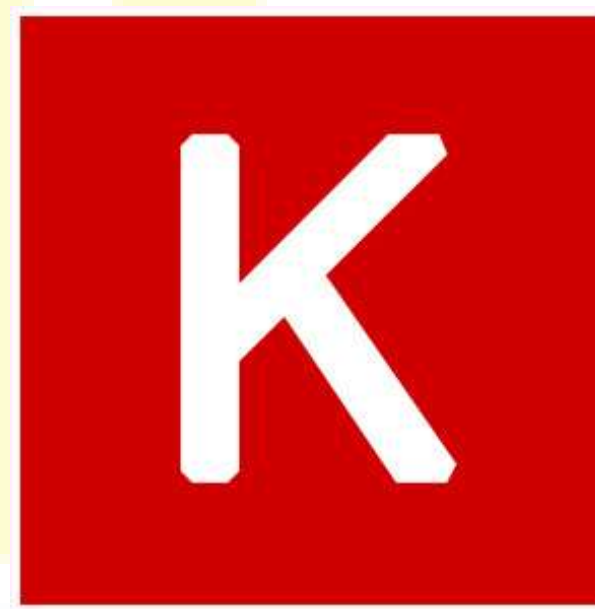
Keras



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Extensibilidade

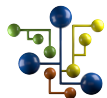


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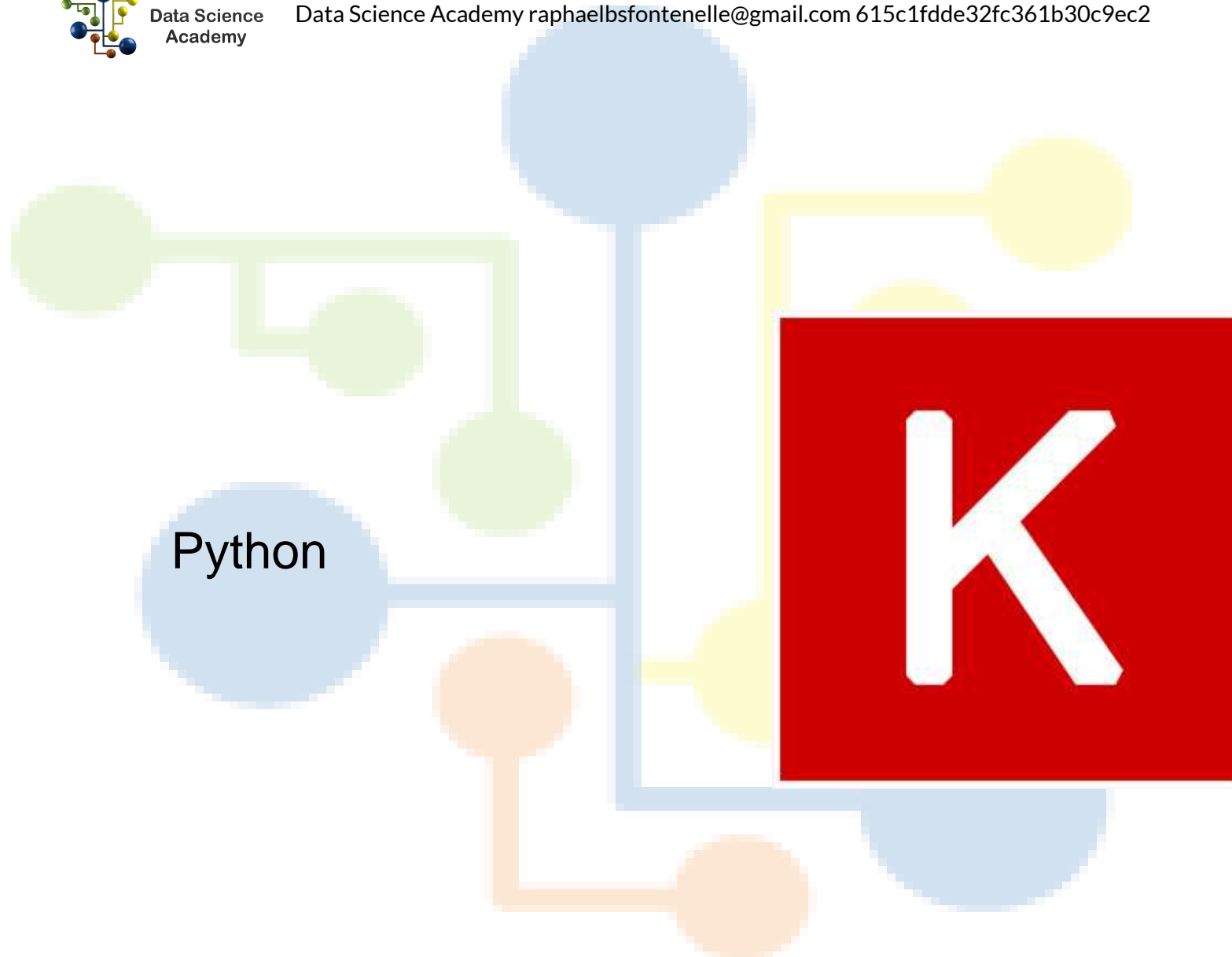
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Keras



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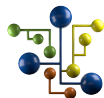
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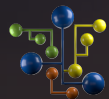


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Keras suporta redes neurais
convolucionais e recorrentes e
combinações entre as duas





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Obrigado



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