

Integra School:

Curso - Python & Machine Learning

Tutor: Gilvandro César de Medeiros



Apresentações

Gilvandro César de Medeiros (gilvandrocesar@ufrn.edu.br)



- Técnico em Eletrotécnica (IFRN)
- Bacharelado em C&T - Computação (UFRN)
- Cientista de Dados Junior na Geowellex Mud Logging
- Líder do Grupo de Estudos em Ciência de Dados [NatalNet - UFRN]
- Áreas de interesse: Modelagem de Sistemas Complexos, Ciência e Engenharia de Dados, Machine Learning, Deep Learning, [???

E vocês?





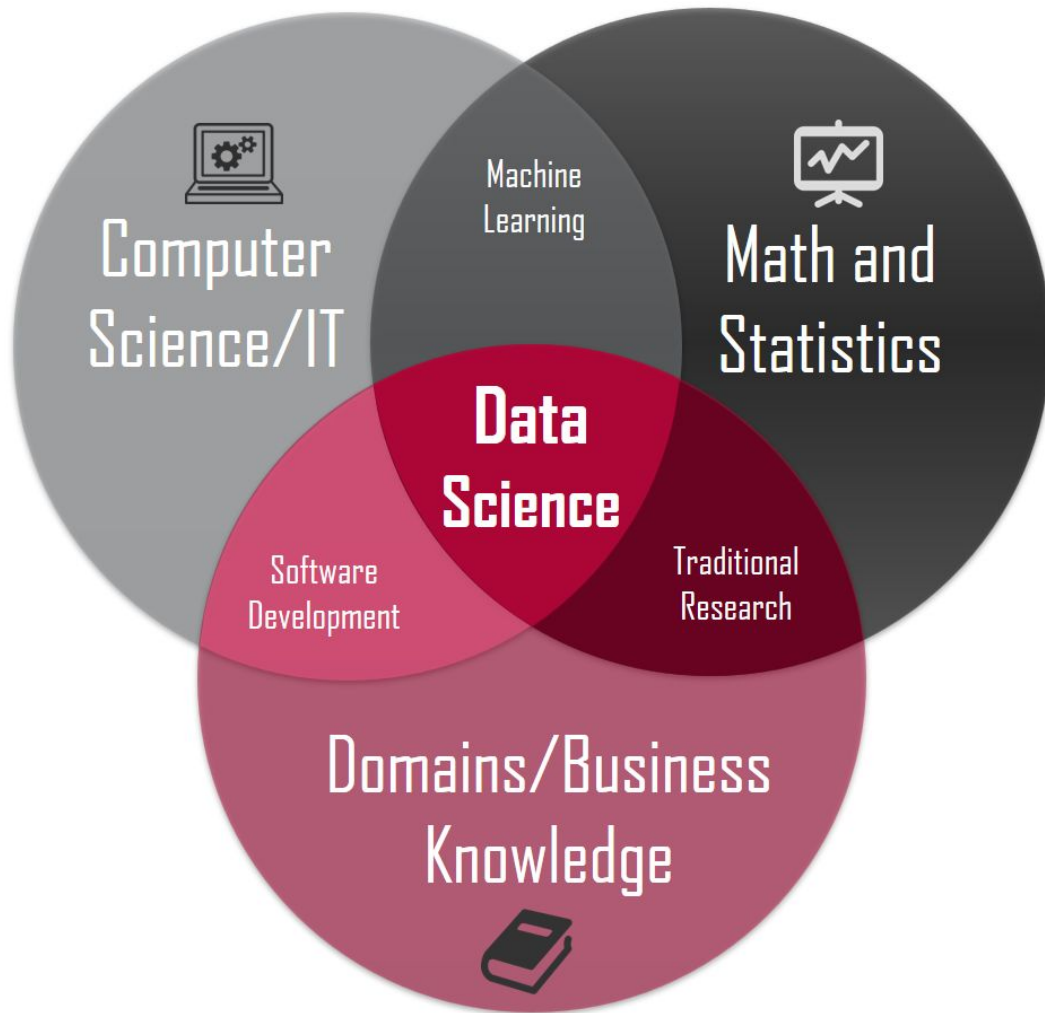
Newbie
Programmers

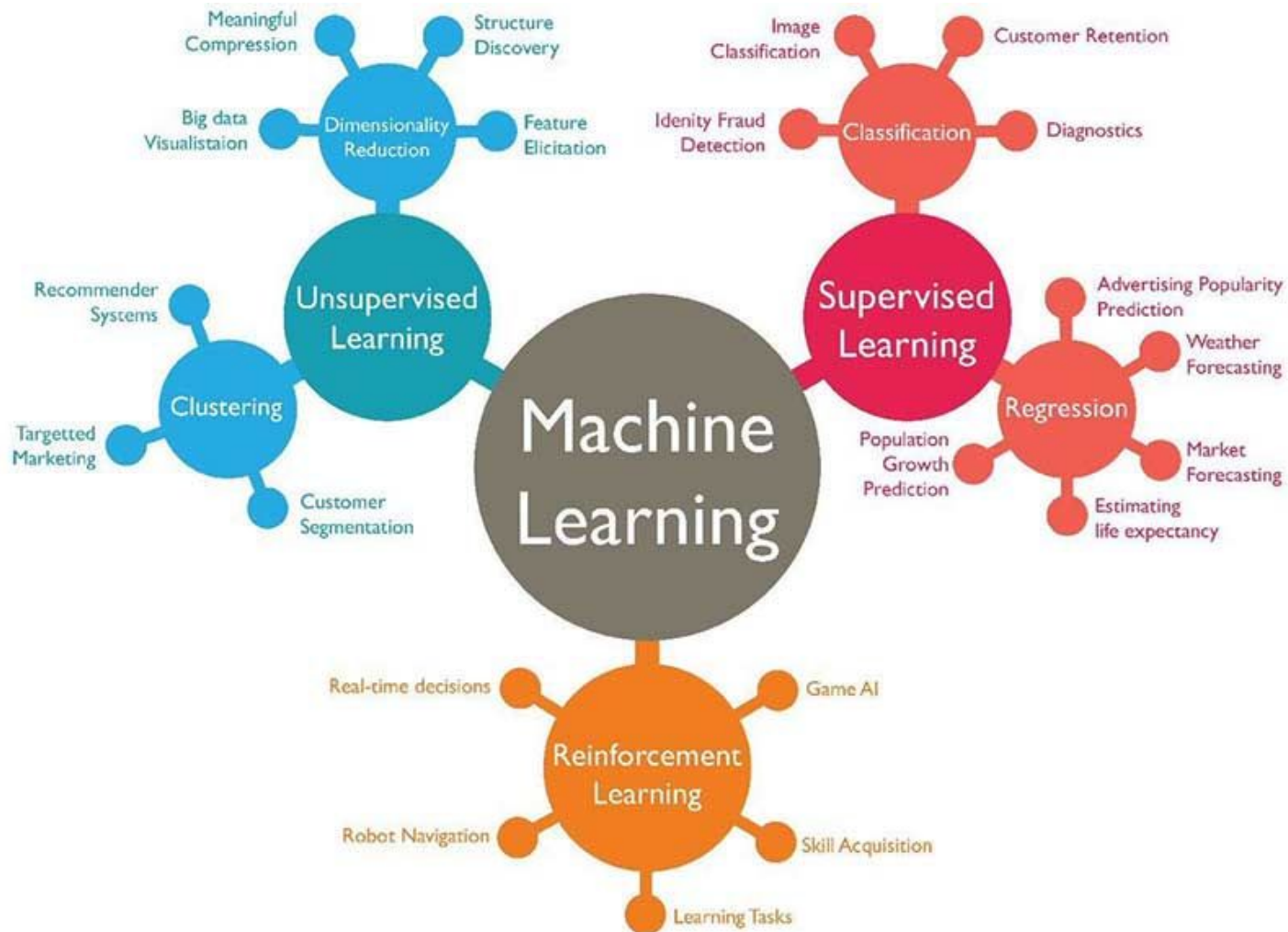
AI & ML

ALGORITHMS

DATA STRUCTURES

OOP





Todos os cursos base para a rede NatalNet 📚 🎓

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📄 15 commits

🌿 1 branch

📦 0 releases

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AquilesBurlamaqui Update readme.md

Latest commit 3535c84 3 minutes ago



IntroducaoARoboticaEducacional

Create readme.md

an hour ago



IntroducaoAoGit

Update readme.md

2 days ago



IntroducaoAoHTML

Create readme.md

2 days ago



readme.md

Update readme.md

3 minutes ago



readme.md



Módulos de Estudo


Os módulo de estudo são mantidos pelos grupos de estudo da rede Natalnet. Atualmente a Natalnet conta com os seguintes Grupos de Estudo:

1. [Grupo de Robótica Educacional \(GRE\)](#)
2. [Grupo de Aplicativos e Sistemas \(GAS\)](#)
3. [Grupo de Integração Maker \(GIM\)](#)

Os atuais módulos de estudo são:

1. [Introdução ao GIT](#)
2. [Introdução ao HTML](#)
3. [Introdução a Robótica Educacional](#)




Ferramentas úteis

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
Applications on root Channels Refresh



jupyterlab
0.27.0
An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.
[Launch](#)



jupyter notebook
5.0.0
Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.
[Launch](#)


qtconsole
4.3.1
PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.
[Launch](#)

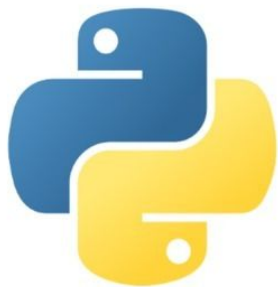

spyder
3.2.3
Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features
[Launch](#)


glueviz
0.10.4
Multidimensional data visualization across files. Explore relationships within and among related datasets.
[Install](#)


orange3
3.4.1
Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.
[Install](#)

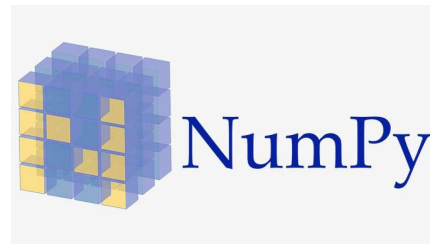

rstudio
1.0.153
A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks.
[Install](#)

Bibliotecas utilizadas



pythonTM
3

Pandas



matplotlib



Keras



Agora vamos programar!

<http://colab.research.google.com/>