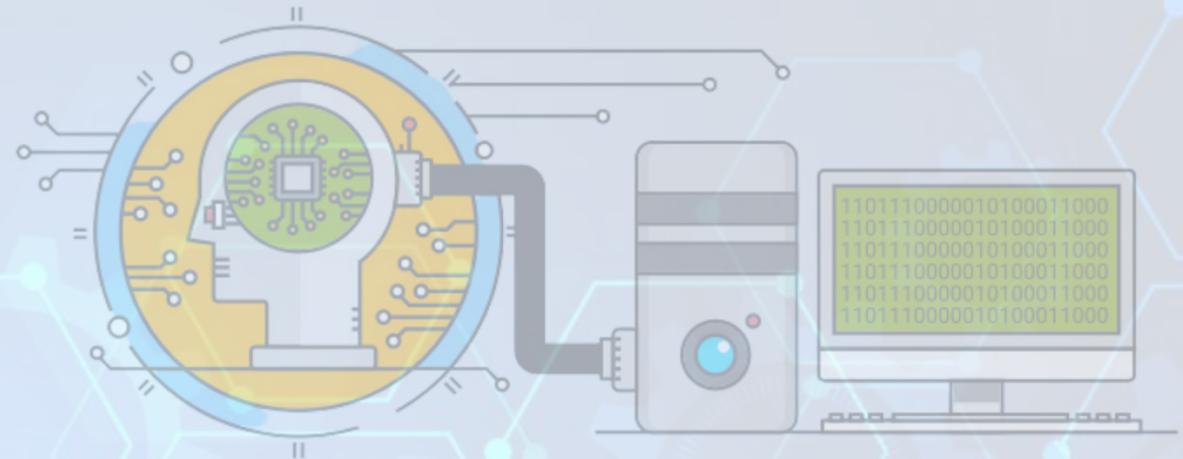


# E o Futuro ....

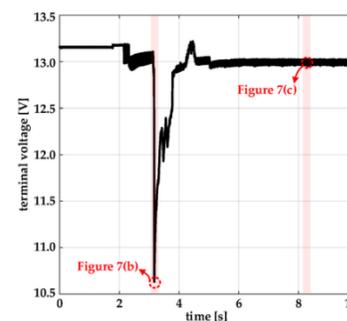


# Apresentação

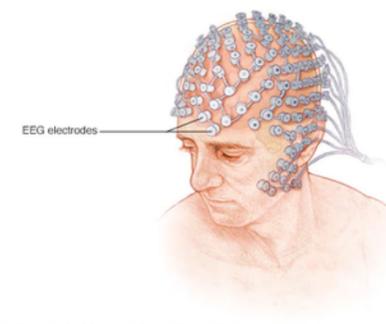


## Dsc. Nauber Gois

**Auditor de Controle Interno e pesquisador na área de Inteligência Artificial, Pós doutorando no programa de Neurociência aplicada da Universidade São Jos em Macau, professor dos programas de especialização das universidades Universidade 7 de Setembro e Universidade de Fortaleza, professor na graduação da Universidade Maurício de Nassau. Foi pesquisador da Escola de Saúde Pública do Estado do Ceará, foi cientista de Dados na Stratio, líder de Inteligência Artificial na Secretaria de Saúde do Estado do Ceará e Professor Adjunto da Universidade Federal do Ceará.**

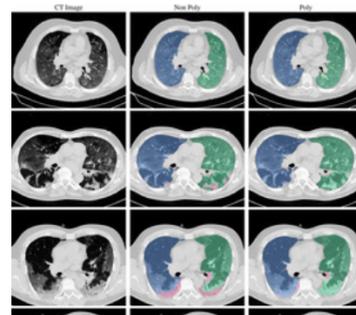


(a) Terminal voltage in cranking experiment



**Detecção de Anomalias em EEG usando Self-Supervised Learning**

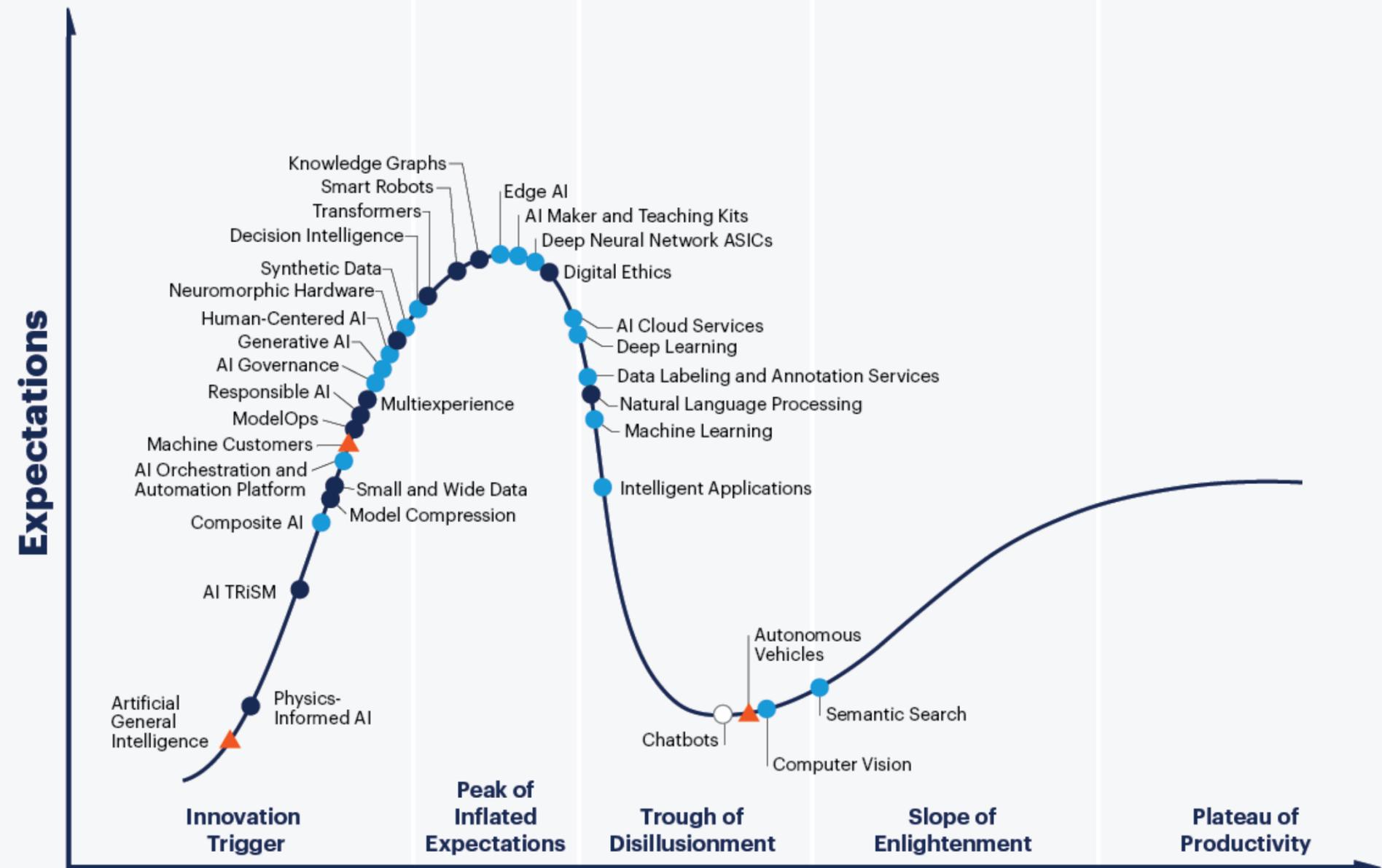
**Detecção de Anomalias em Baterias , Pastilhas de Freios e Compressores de Ar usando Self- Supervised Learning**



**Segmentação de Tomografias Computadorizadas de Pulmão  
Classificação de Raio-X**

# Olhando para o Futuro

# Hype Cycle for Artificial Intelligence, 2021



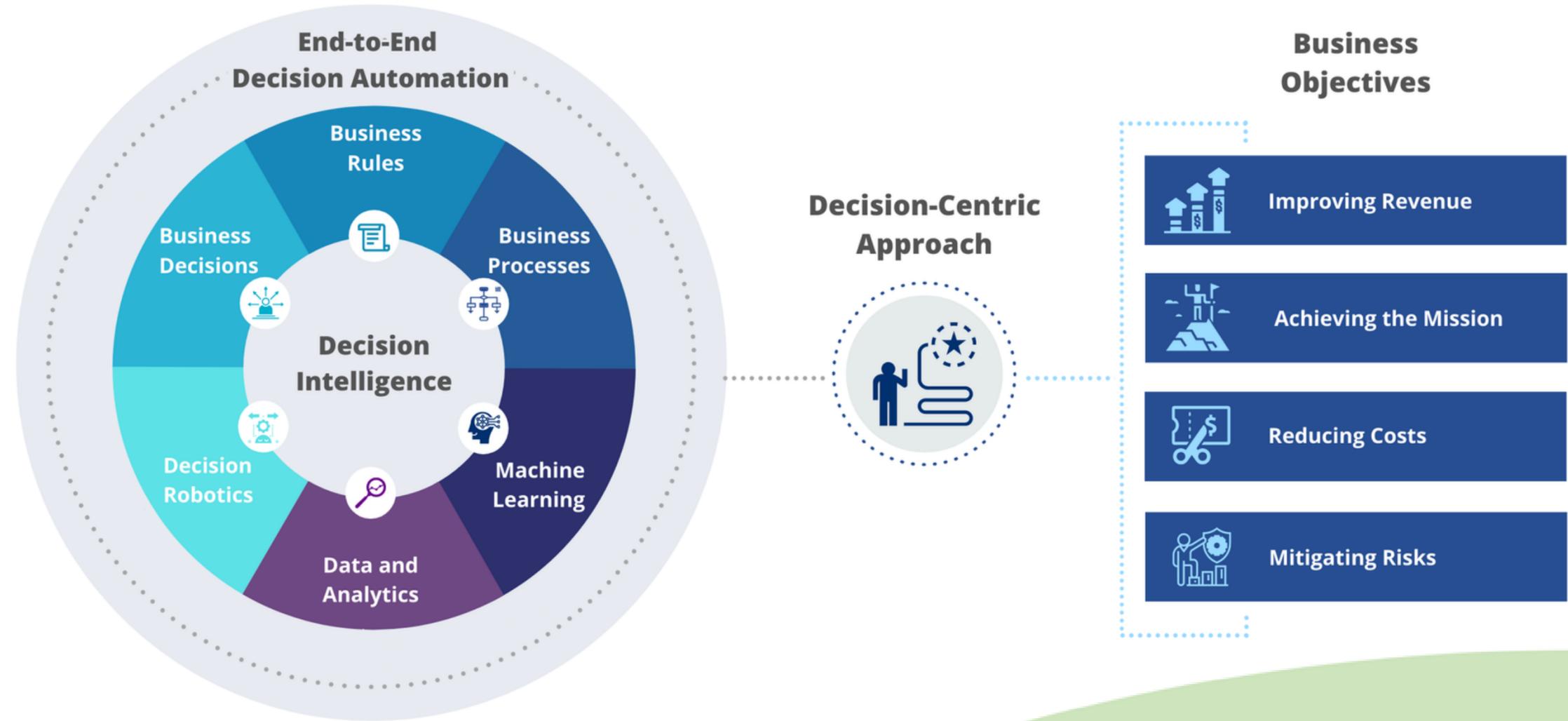
Plateau will be reached:

- less than 2 years
- 2 to 5 years
- 5 to 10 years
- ▲ more than 10 years
- ⊗ obsolete before plateau

As of July 2021

[gartner.com](https://www.gartner.com)

# Decision Intelligence



## Interpretação Inteligente

`context = r''''''`

**Considerando o acumulado dos últimos 12 meses, o índice foi de 12,03%, acima dos 10,79% registrados nos 12 meses imediatamente anteriores e da meta do BC (Banco Central) para a inflação neste ano, de 3,5%, com margem de tolerância de 1,5 ponto percentual para mais ou para menos —ou seja, variando entre 2% e 5%. A banana custa 20 reais**

`''''''`



```
▶ question = "Qual foi o índice de inflação?"  
result = nlp(question=question, context=context)  
print(f"Answer: '{result['answer']}', score: {round(result  
↳ Answer: '12,03%', score: 0.8047, start: 64, end: 70
```

# Dados Abertos e Análises Abertas



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RODOLFO VIANA · UPDATED 2 YEARS AGO

## Alesp: deputados e servidores

Leis, gastos, salários e outros dados de parlamentares e funcionários

Data

Code (1)

Discussion (0)

Metadata

### About Dataset

Não importa o viés ideológico: todos temos de ficar de olho nos nossos políticos. gastam, quem contratam etc.

Este é o objetivo do Nove de Julho, projeto open-source de agregação de dados Paulo. Saiba mais: [rodolfoviana.com.br/novedejulho](http://rodolfoviana.com.br/novedejulho)

Os arquivos aqui disponíveis são extraídos de fontes originais (Alesp e TSE) periodicamente. Inclui candidaturas das últimas duas eleições ( `cand` ), comissões ( `com` ), deputados ( `deputados` )

Arts and Entertainment

Tabular Data

Politics

Data Cleaning

B

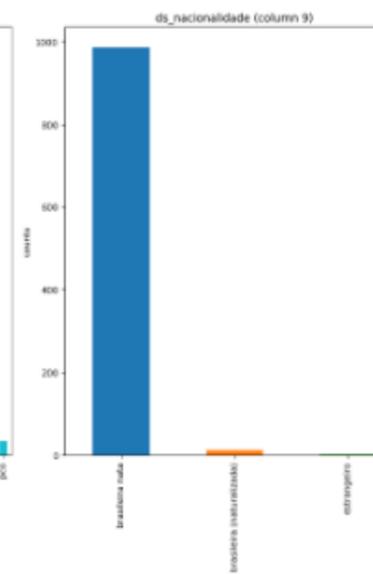
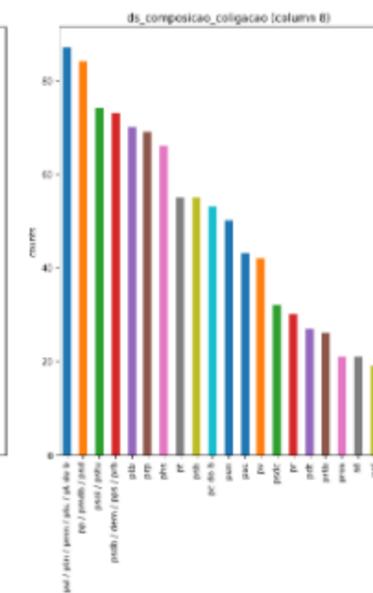
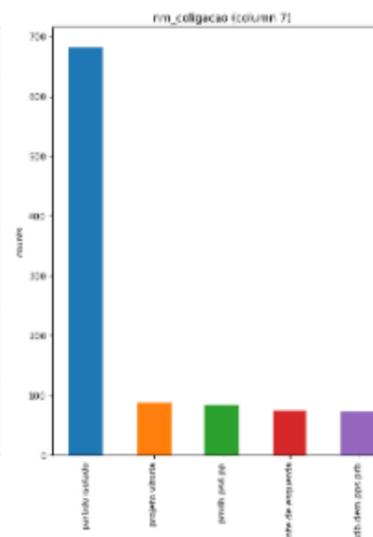
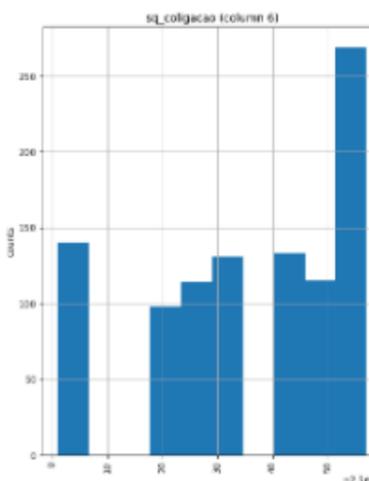
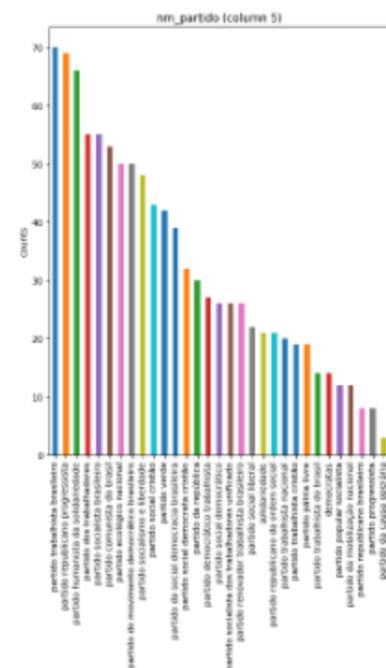
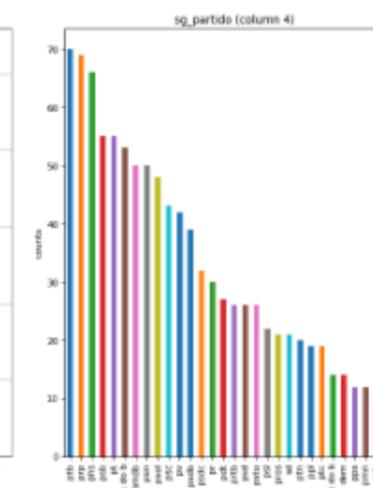
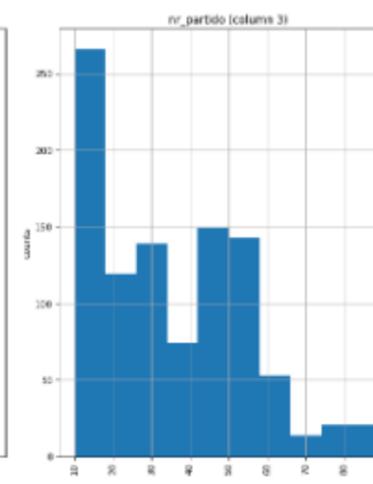
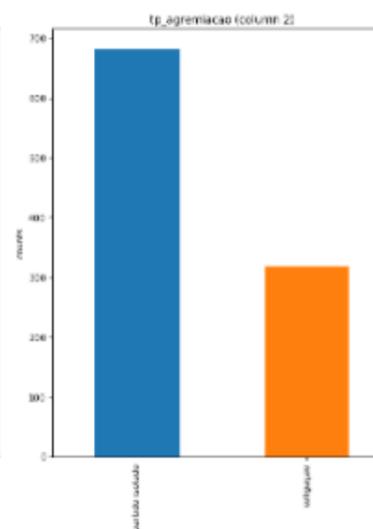
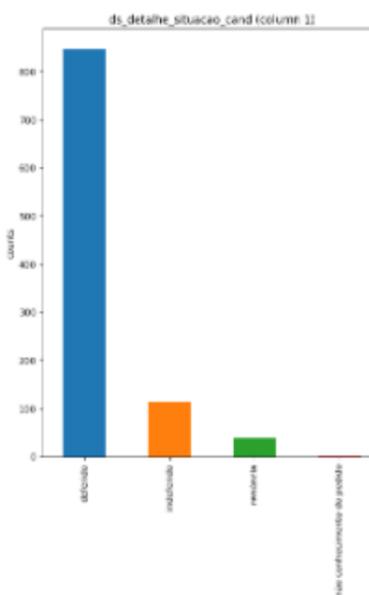
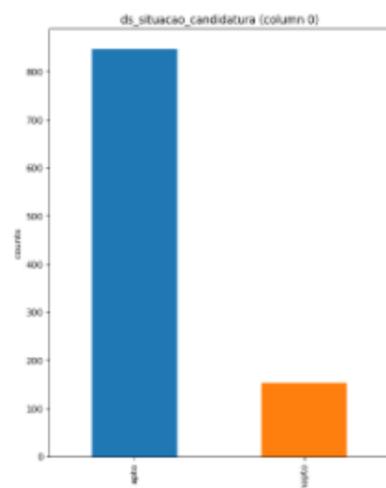
# Dados Abertos e Análises Abertas

## Starter: Alesp: deputados e servidores 212c91ca-4

Notebook Data Logs Comments (0)

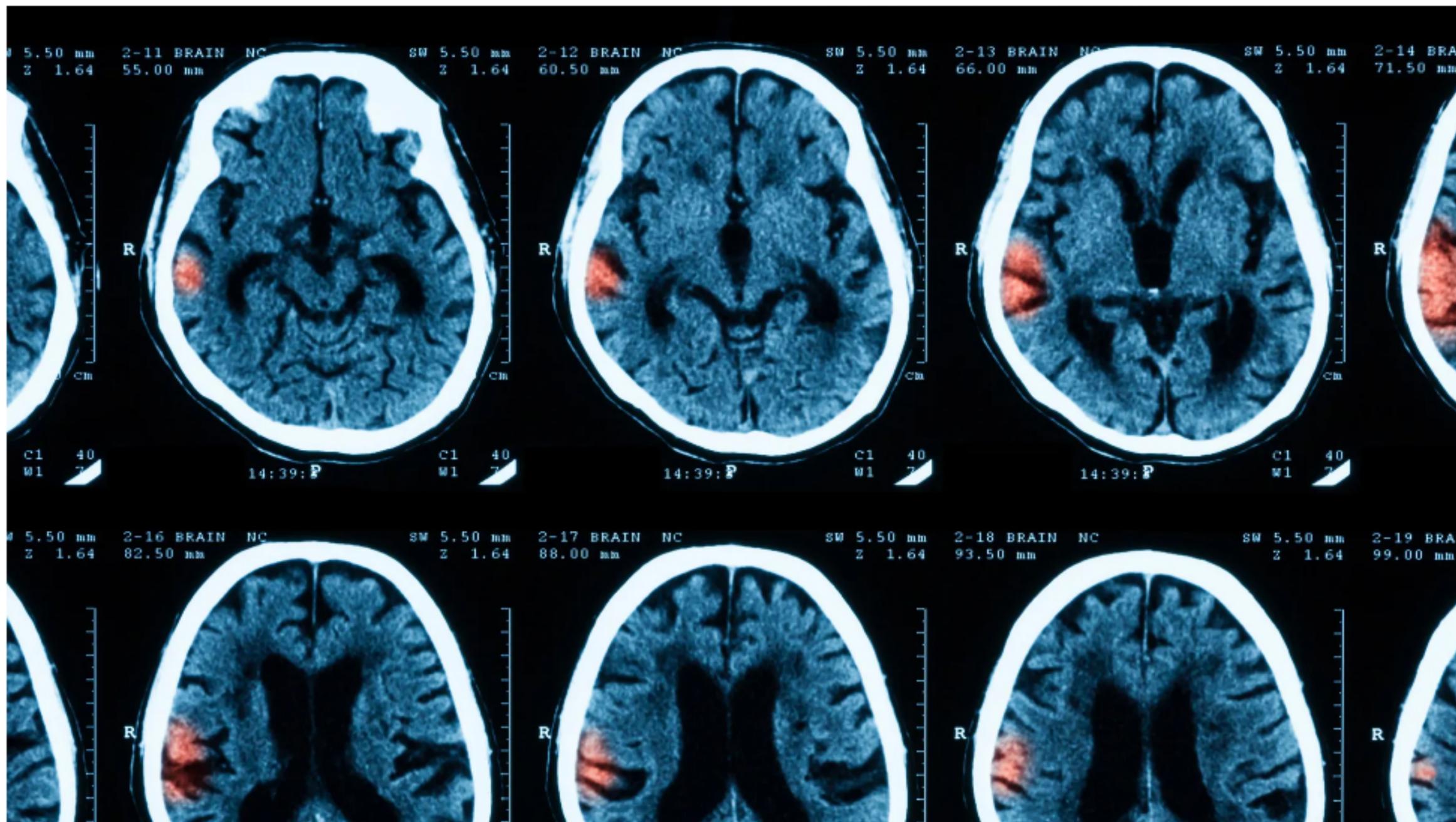
0

Copy & Edit



# Facebook's New AI Teaches Itself to See With Less Human Help

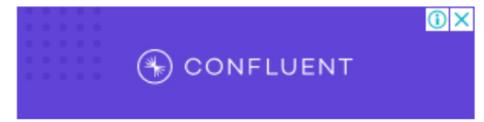
Most image recognition algorithms require lots of labeled pictures. This new approach eliminates the need for most of the labeling.



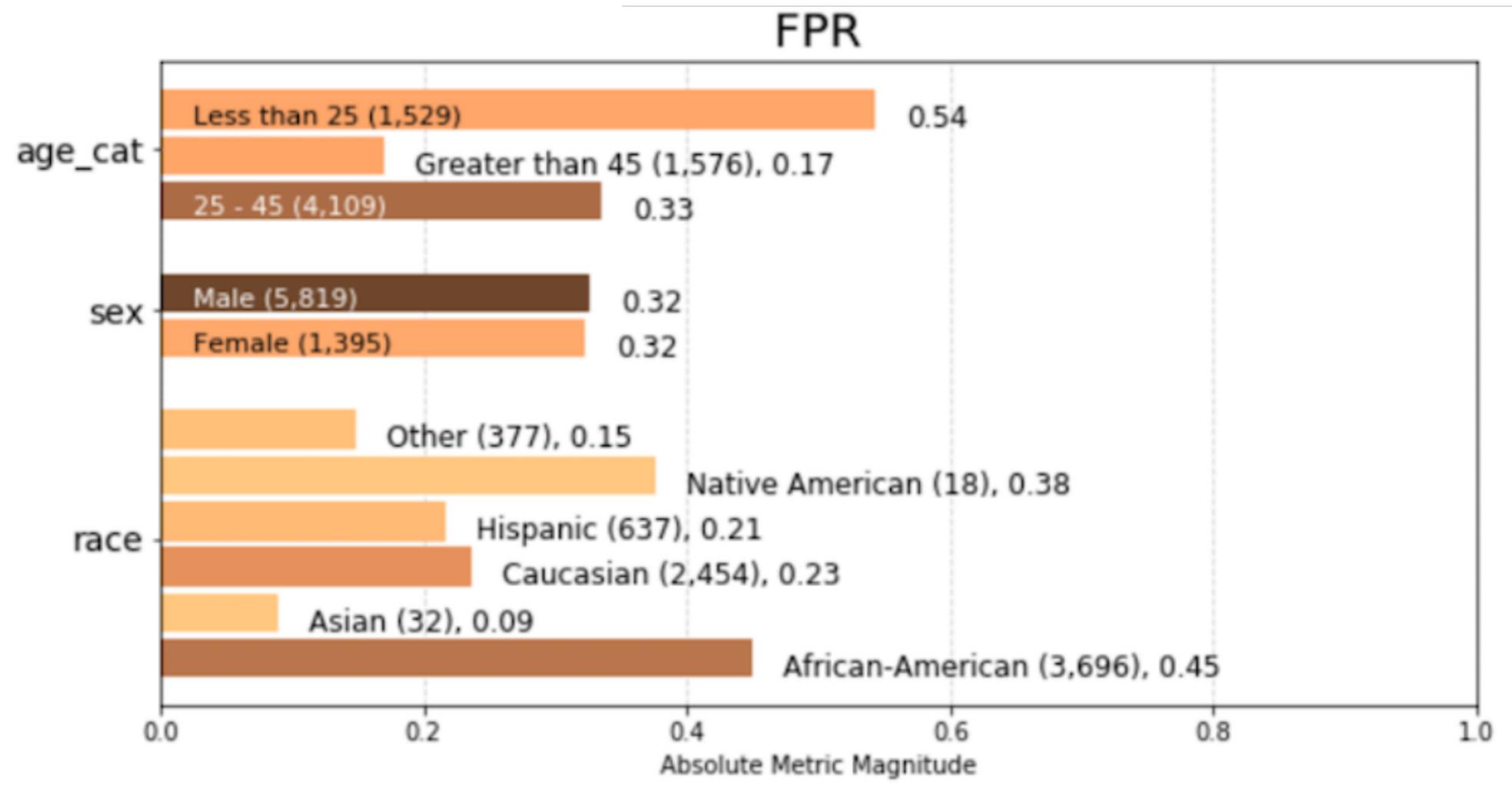
# Ética e Inteligência Artificial

## Robôs se tornam sexistas e racistas por causa de falha na IA

f Redação Finanças  
25 de junho de 2022

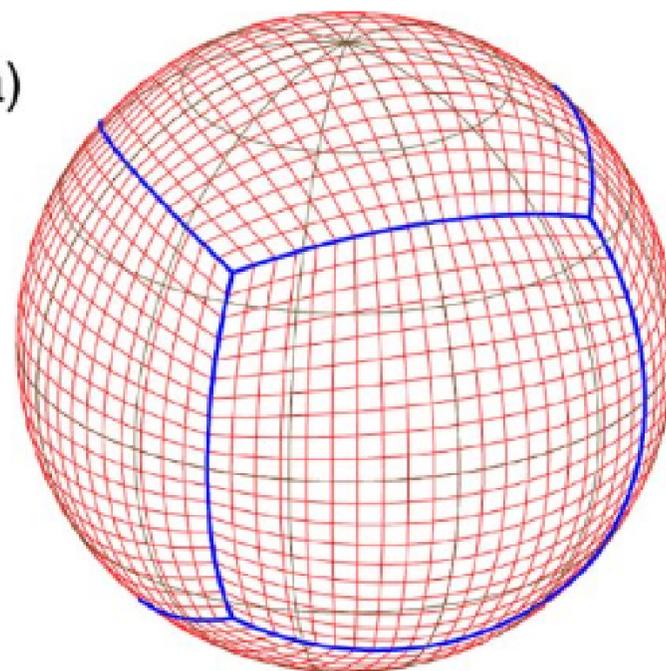


### Aequitas Bias & Fairness Audit

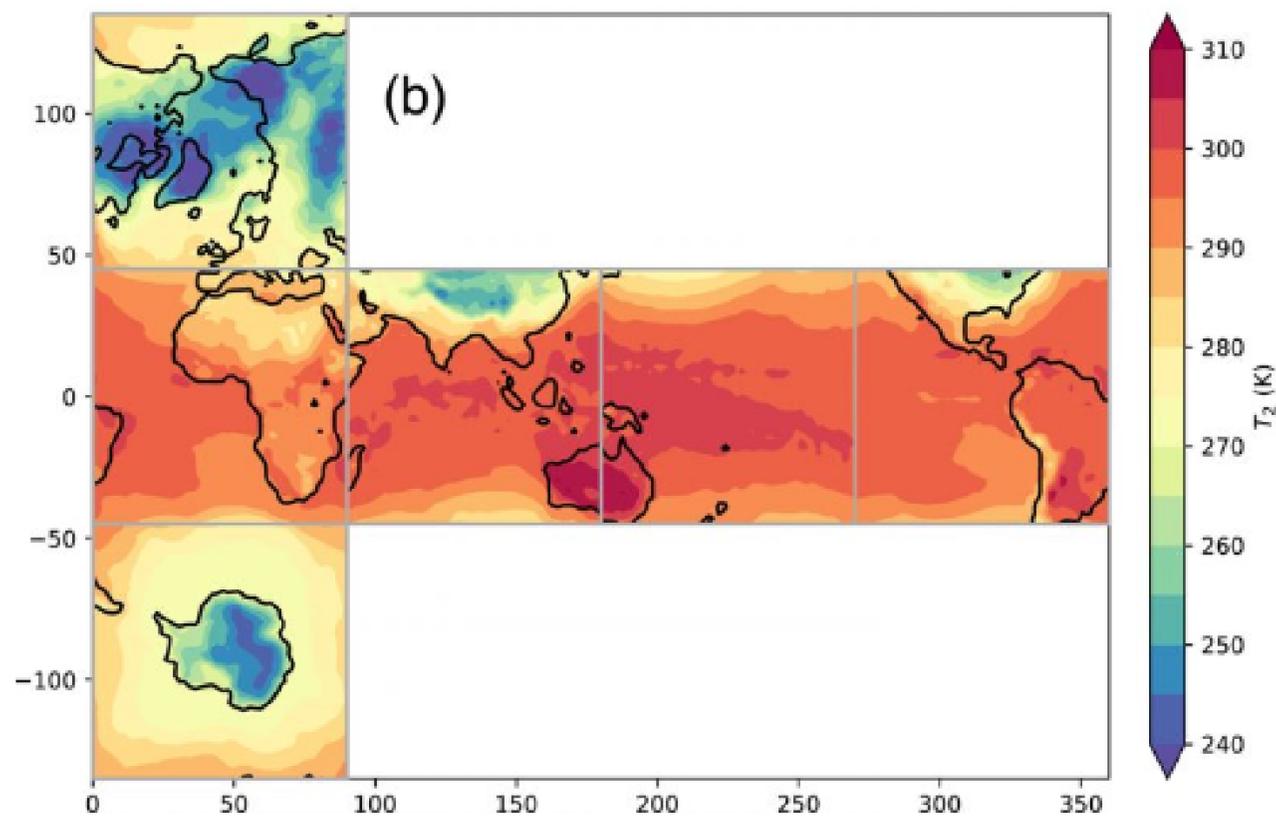


# Geração de Dados Sintéticos e Simulações

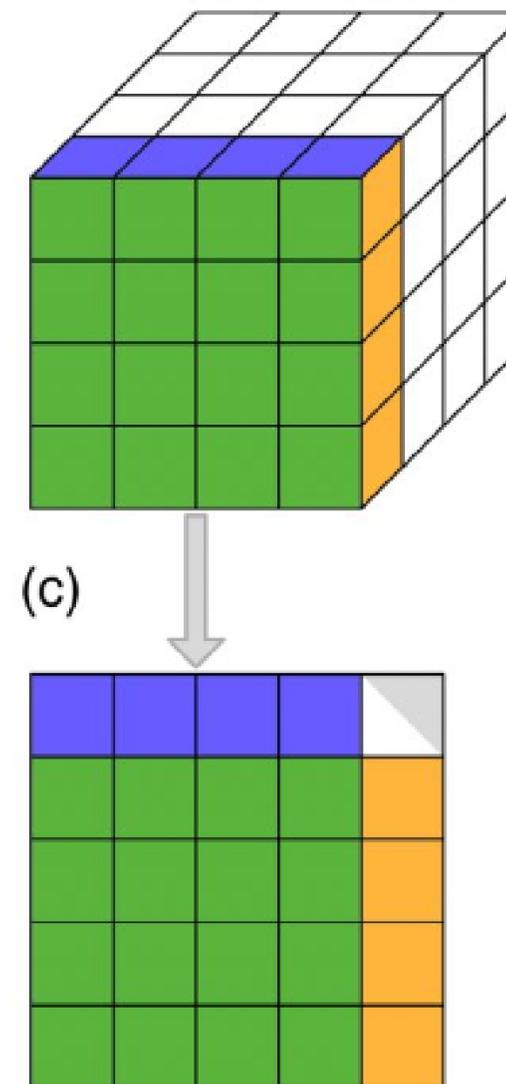
(a)



(b)



(c)



# Geração de Dados Sintéticos



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## The first **data-centric** platform for data quality

Data scientists can now make use of automated quality profiling and improve datasets leveraging state-of-the-art synthetic data generation.

Try it for free

# Geração de Dados Sintéticos

Click on the person who is real.



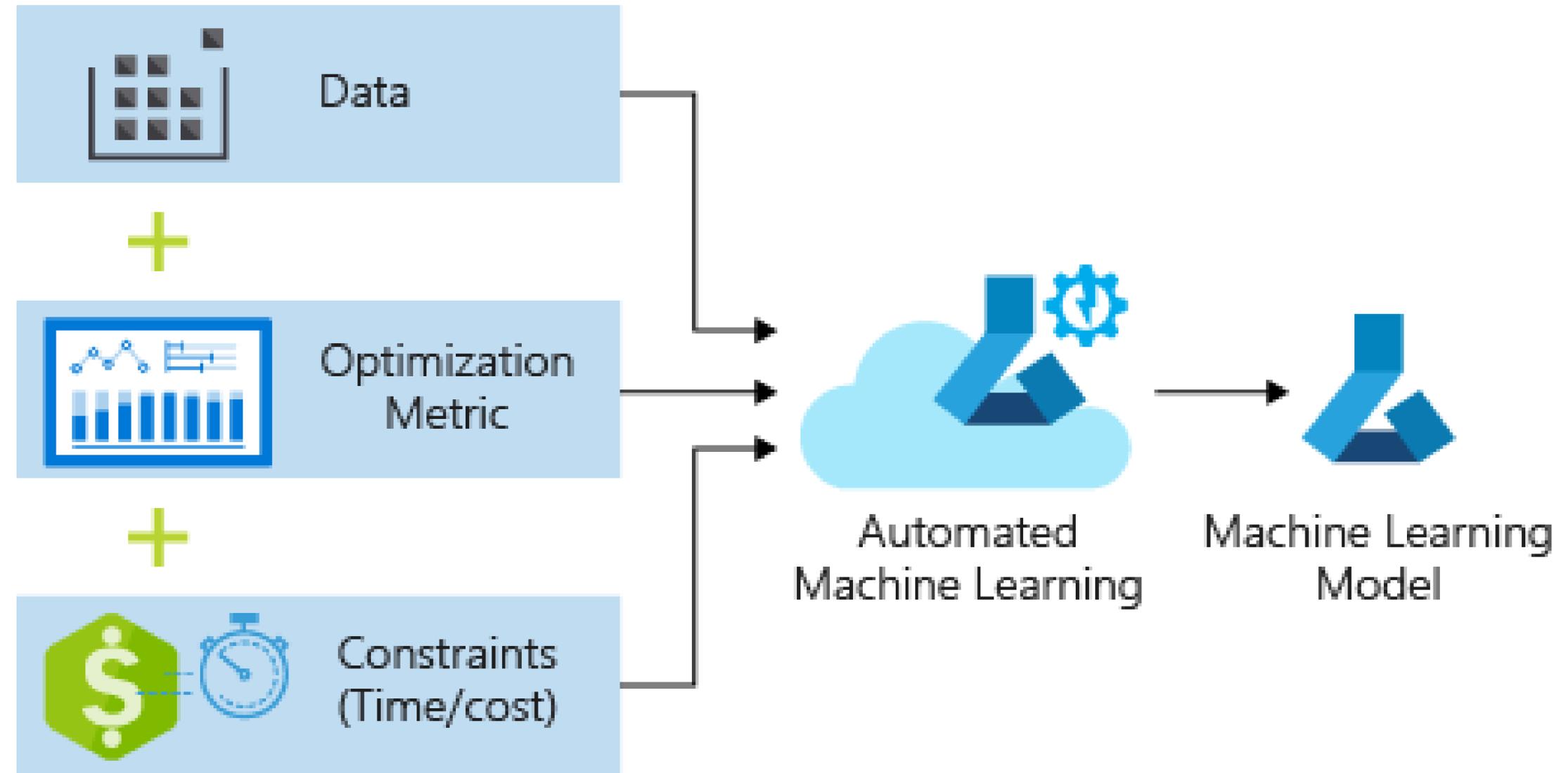
### Which Face Is Real?

Your new friend on Facebook. Your next Tinder match. A potential employee. Sure you've seen their picture — but do they even exist? Learn how to tell.

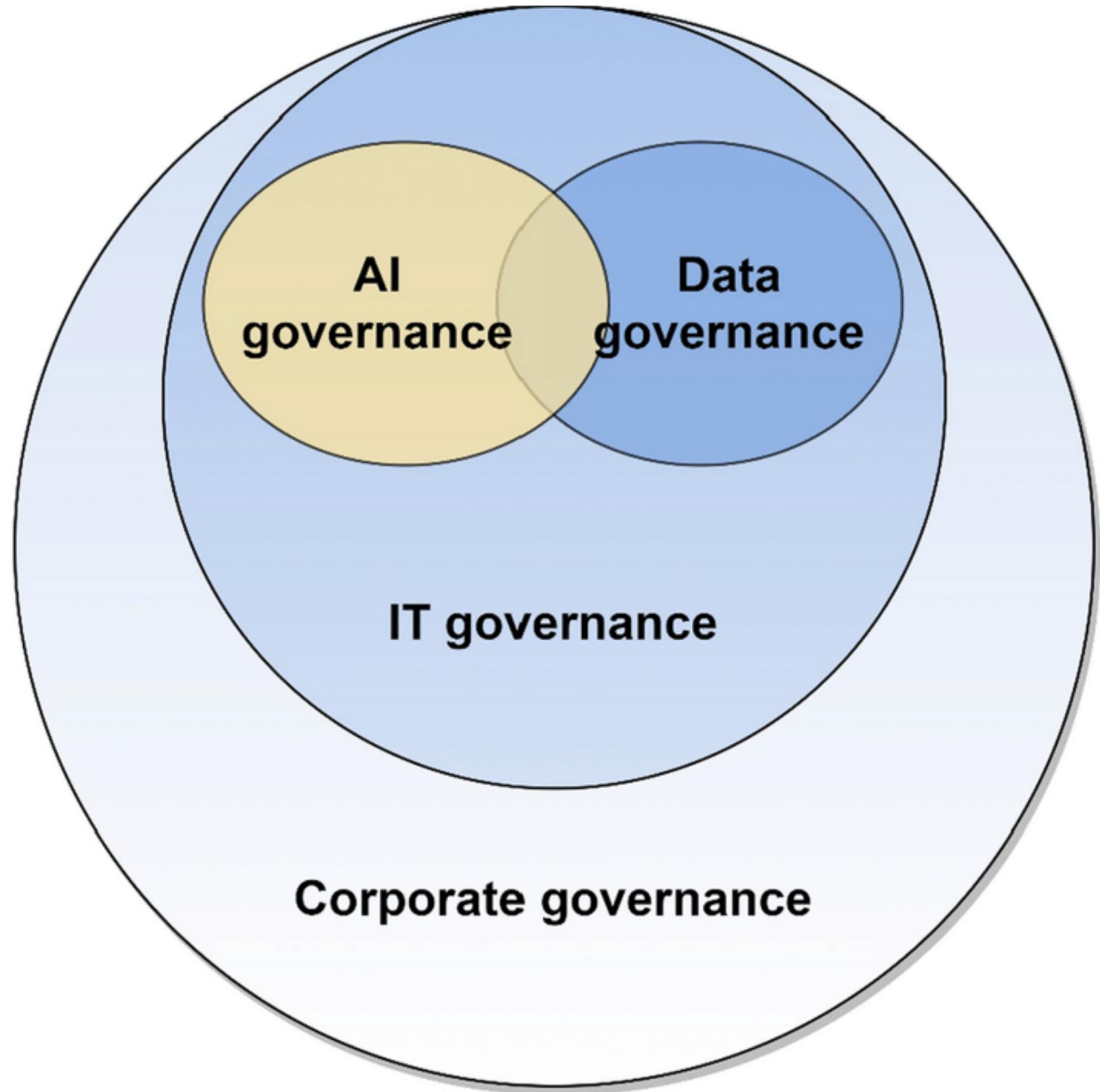
 callin\_bull

<https://www.whichfaceisreal.com/>

# Auto ML



# AI Governance



# Smart Robots

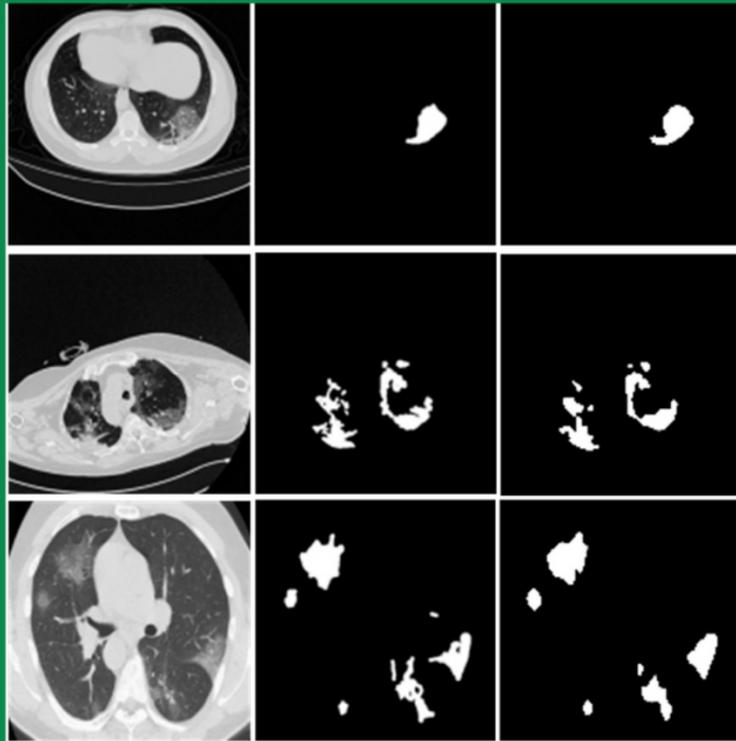


<https://www.youtube.com/watch?v=wIkCQXHEgjA&t=46s>

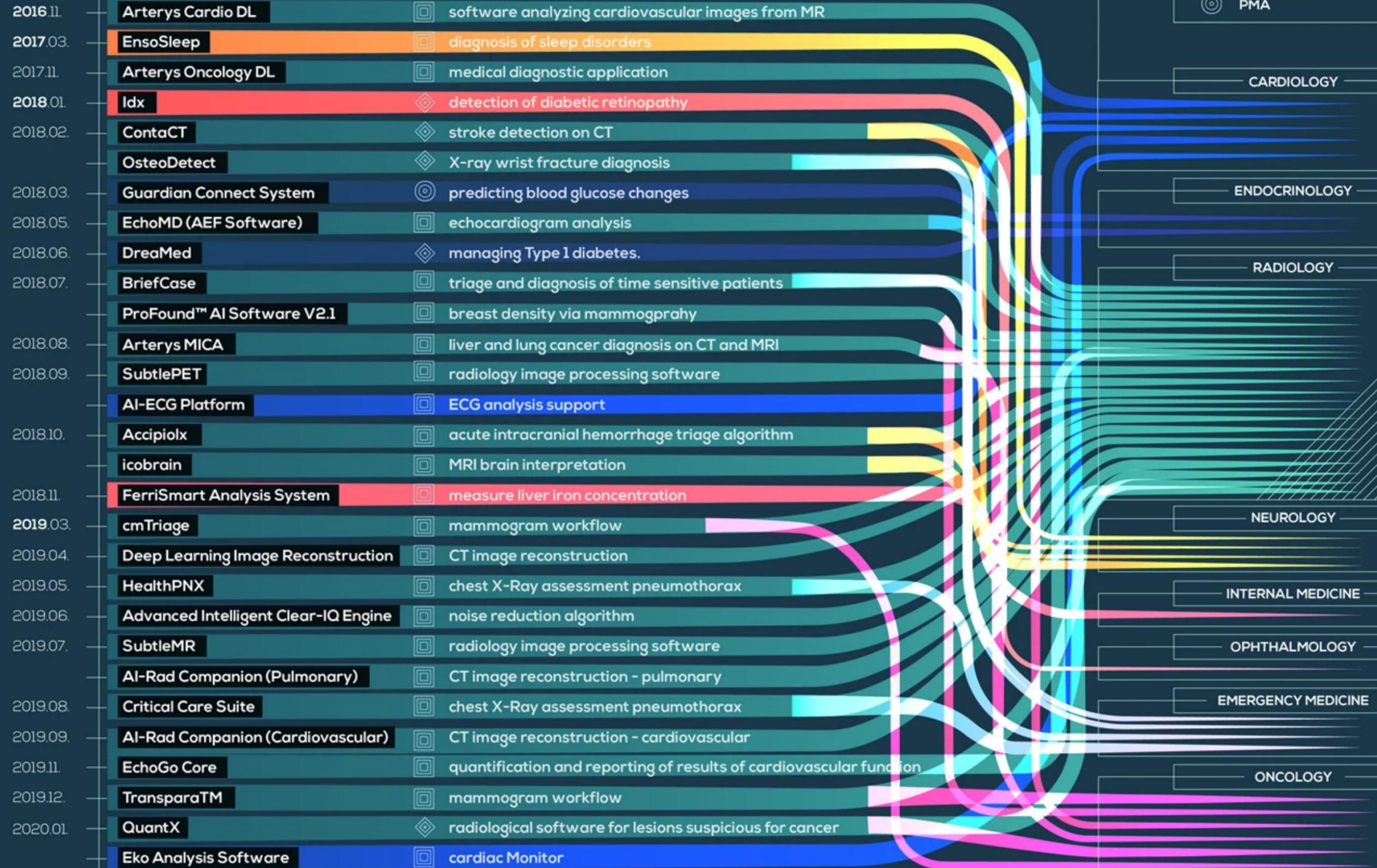
# Novas Formas de iteração e vestíveis



# Melhores Diagnósticos



## FDA APPROVALS FOR ARTIFICIAL INTELLIGENCE-BASED DEVICES IN MEDICINE





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CONTROLADORIA  
E OUVIDORIA GERAL  
DO ESTADO  
GOVERNO DO ESTADO DO CEARÁ

# E o Controle Interno?

