



# Como a GDPRP Poderá Afetar as Práticas em Ciência de Dados

Karla Falcão

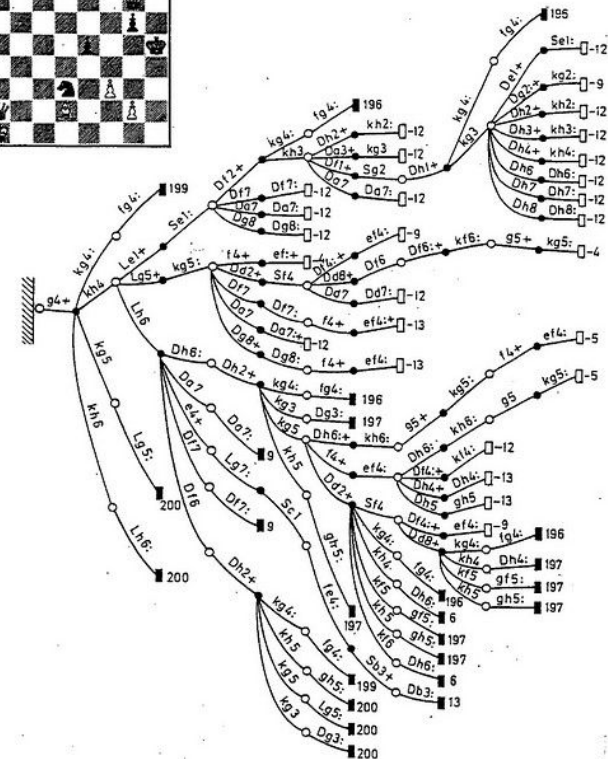
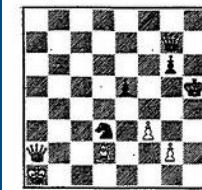
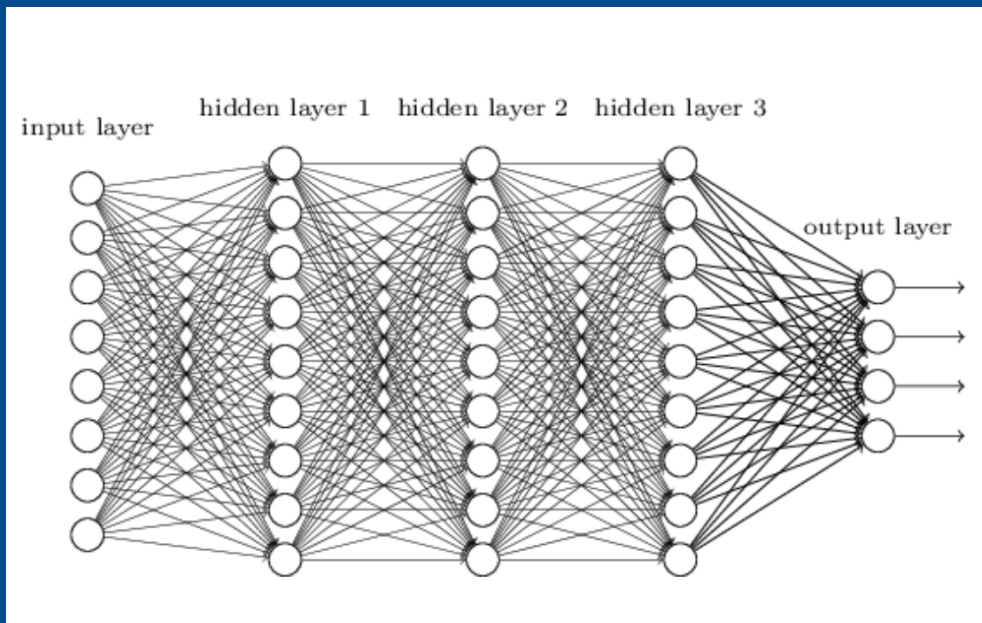


# Limitar o processamento de dados pessoais e Construção de Perfil





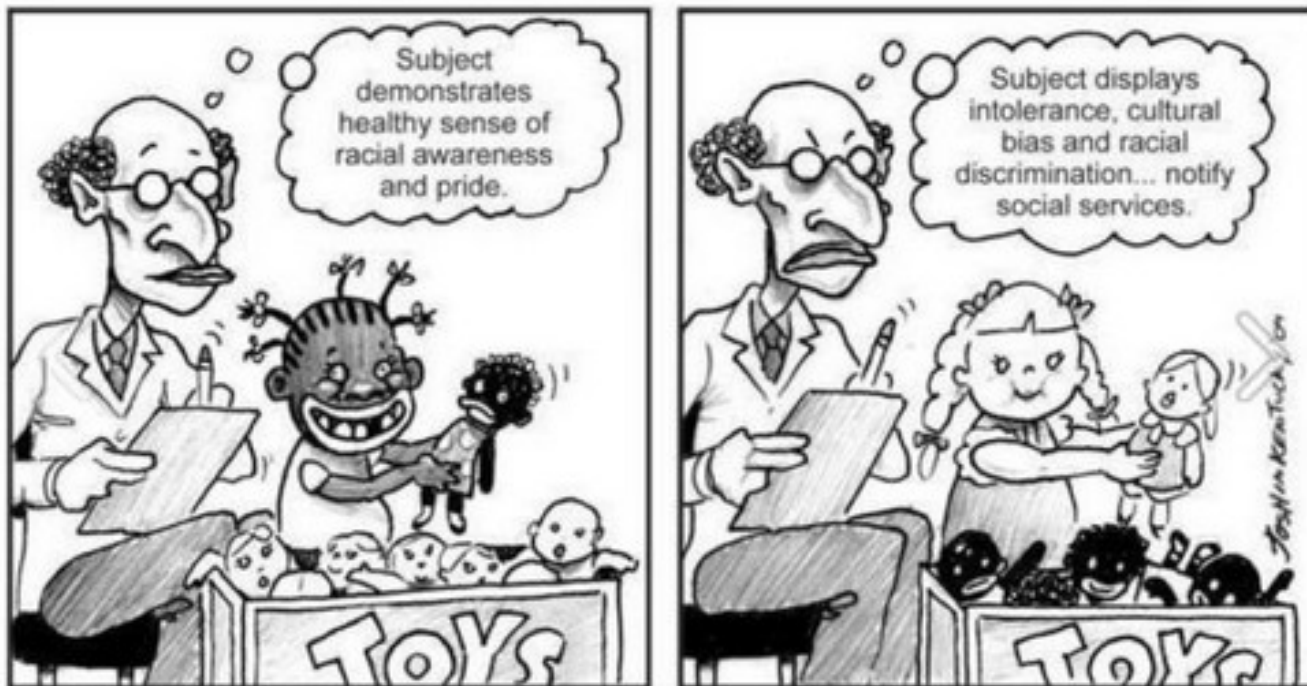
# Garantir “O direito de explicação” dos sistemas de tomadas de decisões automáticas de IA.





# + Evitar viés e discriminação nos algoritmos

## Think about it...



# + Optimistas vs Pessimistas

## General Data Protection Regulation (GDPR) and Data Science

July 13, 2017 | By Thomas Dinsmore | No Comments

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If your organization collects data about citizens of the European Union, the General Data Protection Regulation (GDPR). GDPR is a regulation that updates and harmonizes data security rules within the EU. It was adopted on May 27, 2016. It goes into effect in less than a year, on May 25, 2018.

### Will GDPR Make Machine Learning Illegal?



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*Does GDPR require Machine Learning algorithms to explain their output? Probably not, but experts disagree and there is enough ambiguity to keep lawyers busy.*

# + Optimistas vs Pessimistas

Towards accountable AI in Europe?

Posted on 18th July 2017

Opinion

## AI and its promise

We are living in the age of Big Data, but data is useless if we do not have algorithms that help us to interpret it. Algorithms are increasingly used in both the public and the private sectors; across industrial sectors for financial trading, recruiting decisions (hiring, firing, and promotions), and for setting insurance premiums. Algorithms help decide whether individuals are desirable candidates for insurance, eligible for a loan or a mortgage, or should be admitted to university. The criminal justice system uses algorithms for sentencing or to decide if someone should be granted parole and to calculate the



**Pedro Domingos**

@pmddomingos



Starting May 25, the European Union will require algorithms to explain their output, making deep learning illegal.

12:59 AM - Jan 29, 2018

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Obrigada.

Perguntas?