



# Experimentos com APIs de Inteligência Artificial

**Cleber Hostalácio de Melo**  
GTE – Gerência de Tecnologia

# Inteligência Artificial

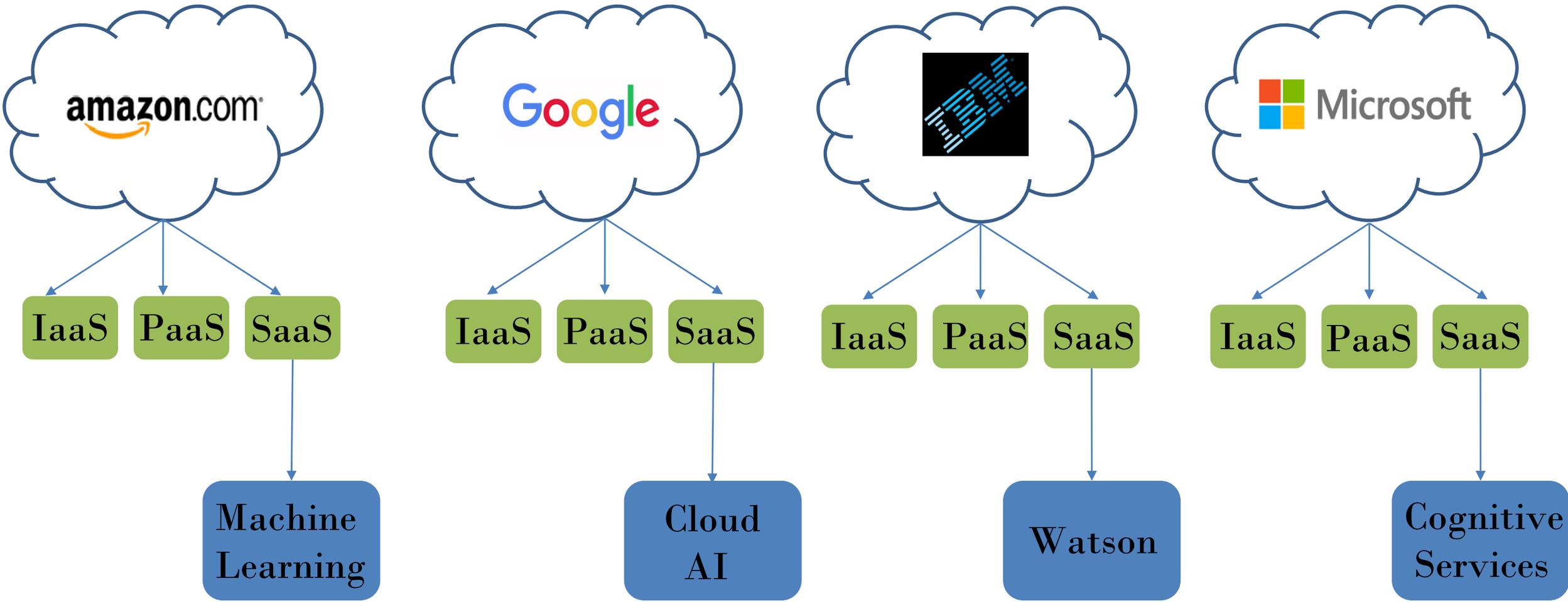


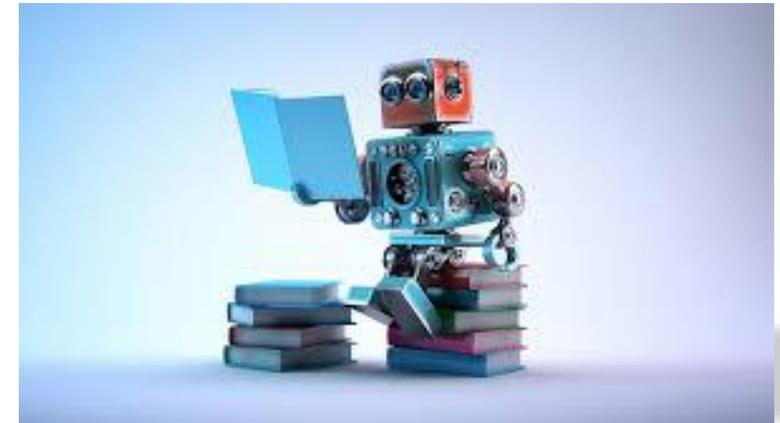
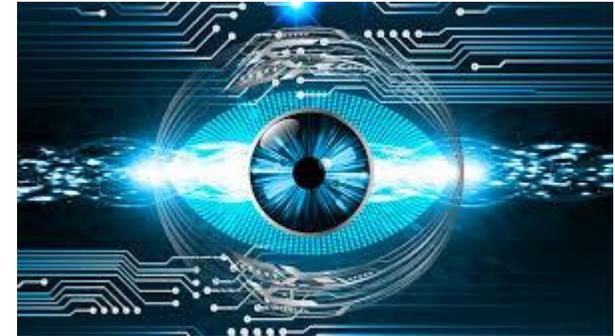
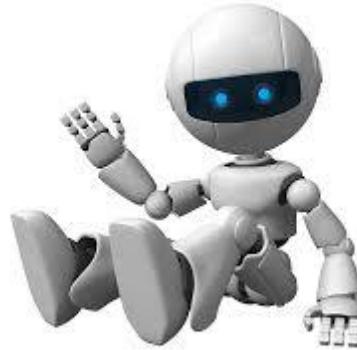
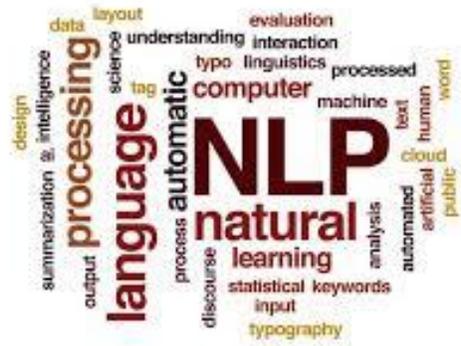


GOL



# Computação na Nuvem





# Visão Computacional



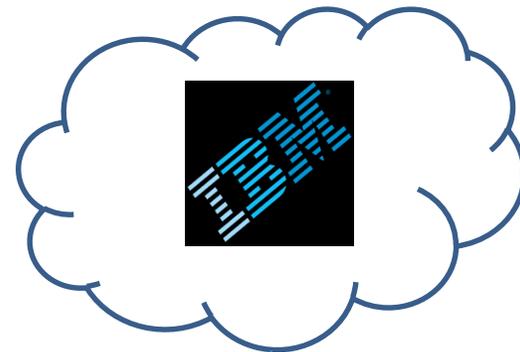
Machine Learning

Rekognition



Cloud AI

Cloud Vision



Watson

Visual Recognition



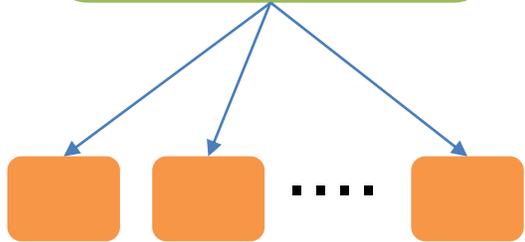
Cognitive Services

Vision



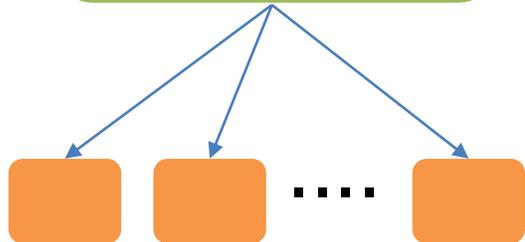
Machine Learning

Rekognition



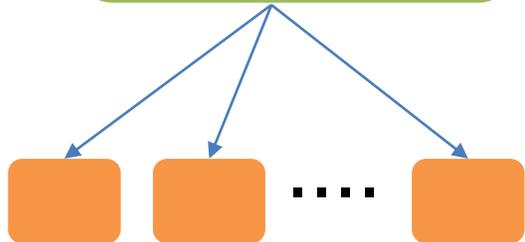
Cloud AI

Cloud Vision



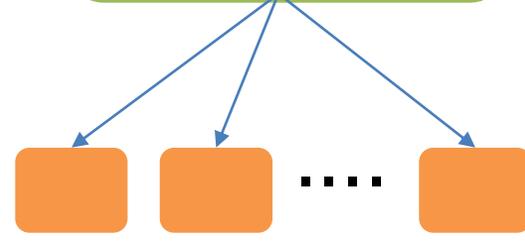
Watson

Visual Recognition

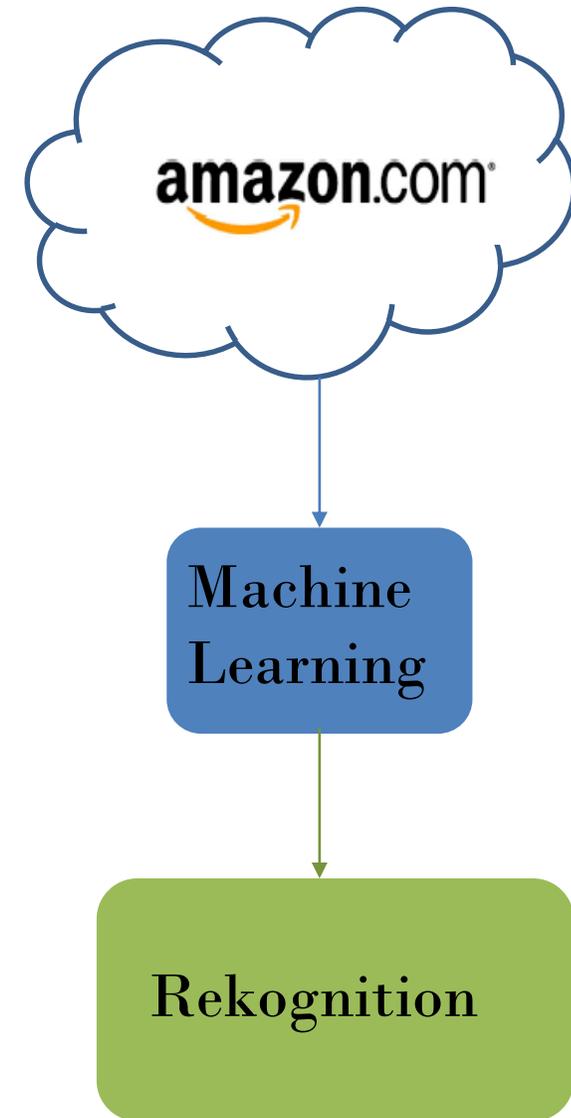


Cognitive Services

Vision



# Amazon Rekognition



# Detecção de objetos, cenas e atividades



**PERSON**  
99.3%

**OUTDOORS**  
83.1%

**CREST**  
83.0%

**MOUNTAIN BIKE**  
99.1%

**ROCK**  
82.8%

# Análise Facial



# Reconhecimento Facial



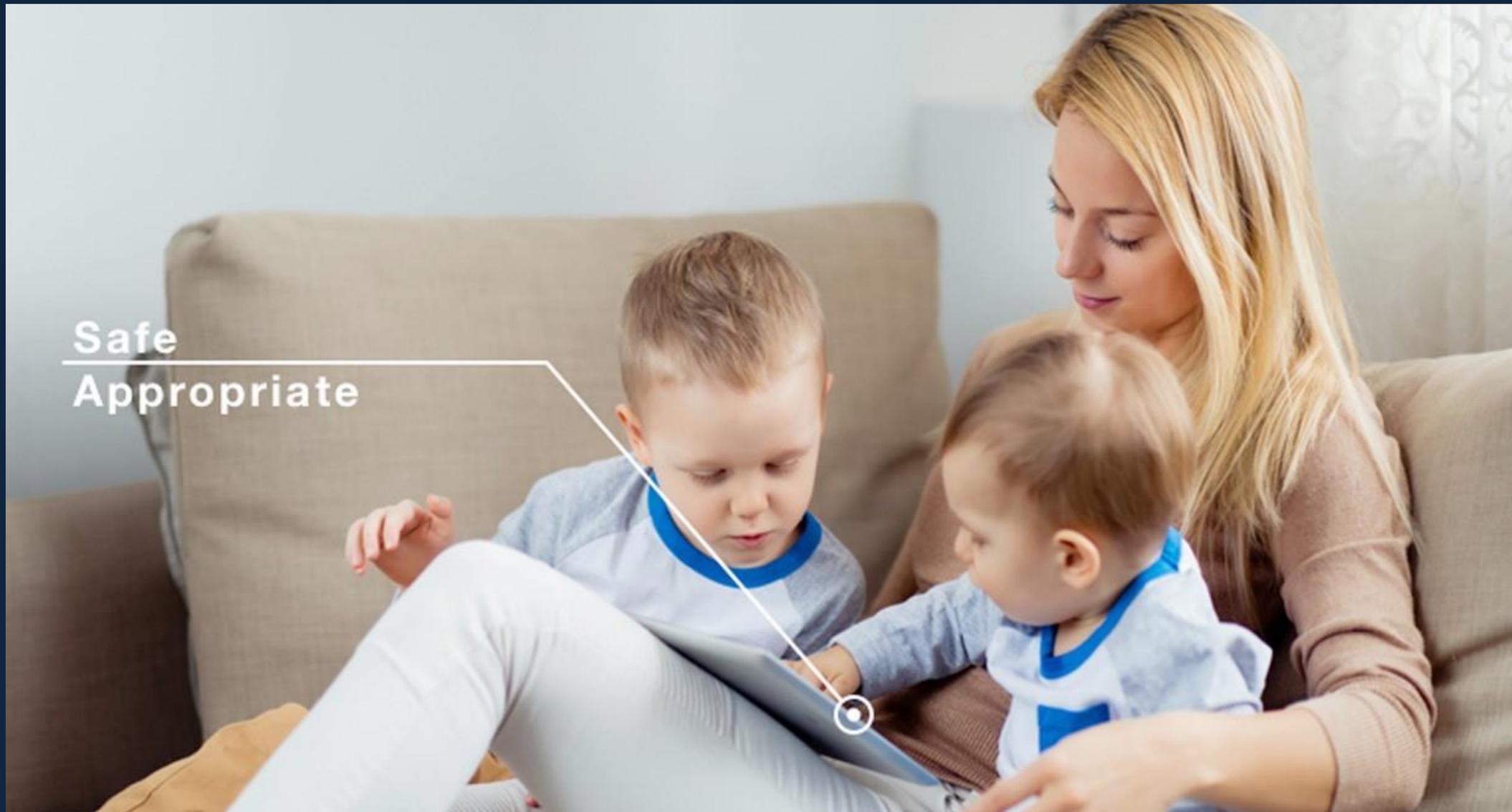
# Reconhecimento de Celebidades



Werner Vogels

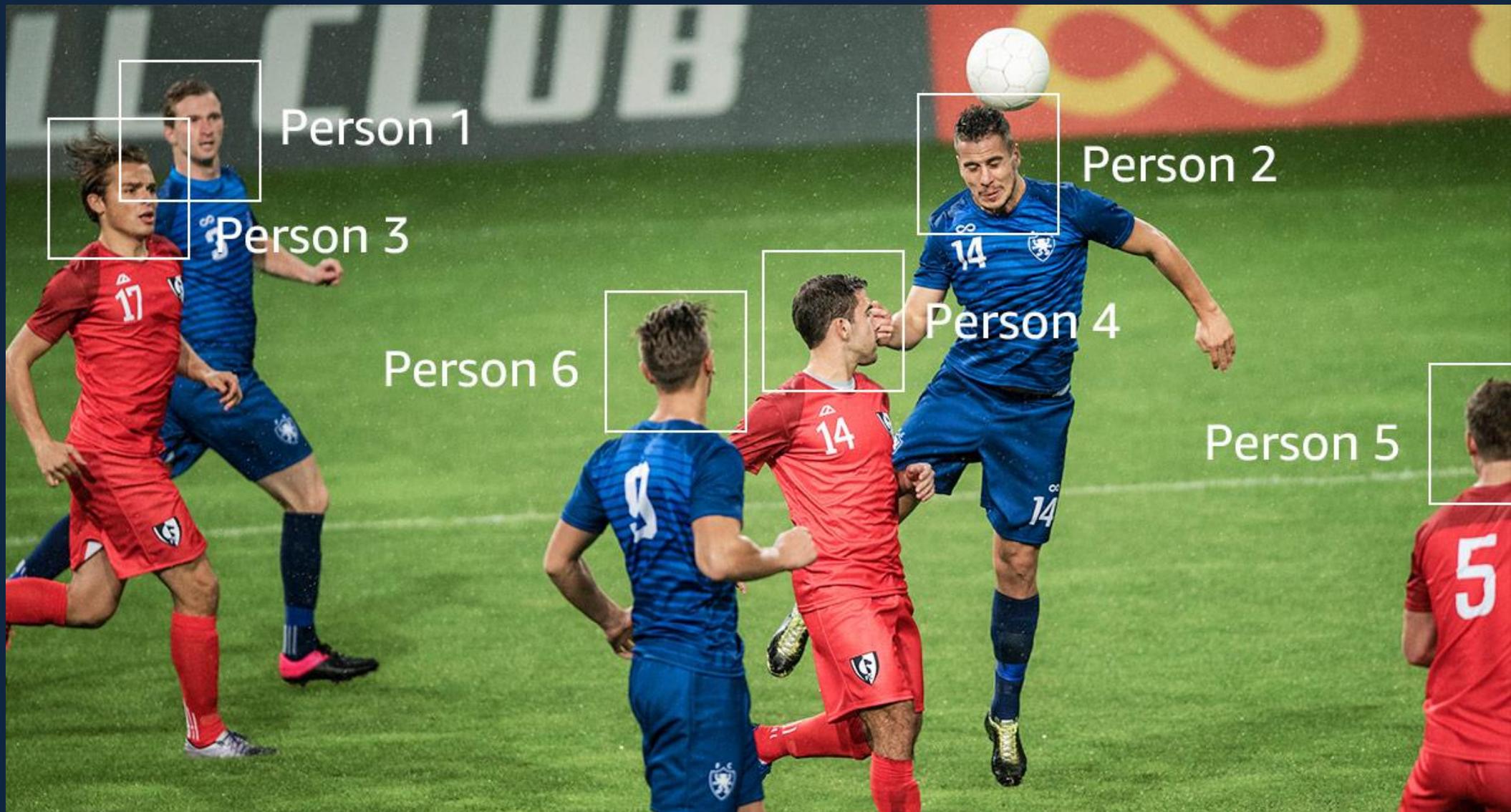
98%

# Detecção de Conteúdo Não Seguro

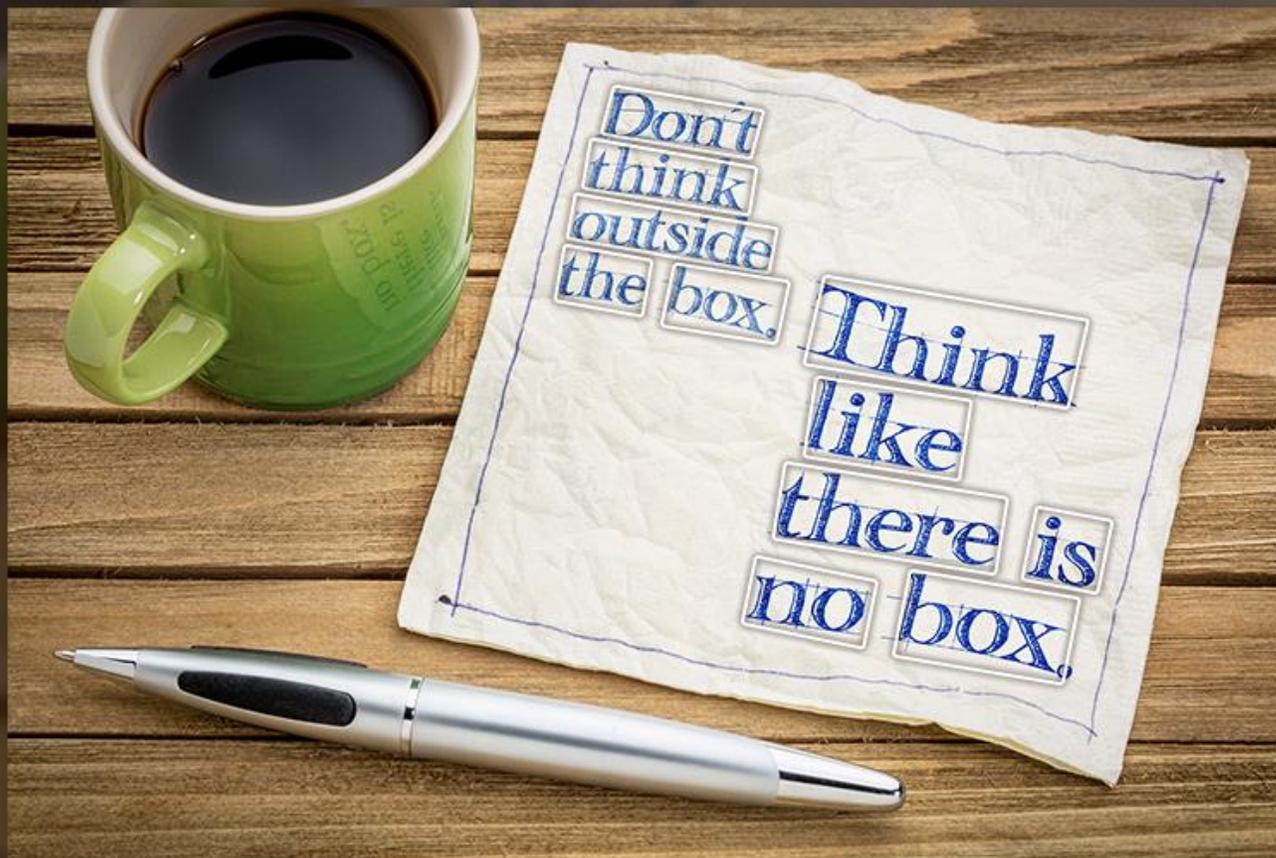


Safe  
Appropriate

# Detecção de Caminhos em Vídeos



# Detecção de Textos em Imagens



| Don't - 98% |

| think - 99% |

| outside - 99% |

| the - 98% | box. - 78% | Think - 96% |

| like - 89% |

| there - 98% | is - 97% |

| no - 71% | box. - 78% |



<https://aws.amazon.com/pt>

# Fluxo de Dados



# SDKs Disponíveis

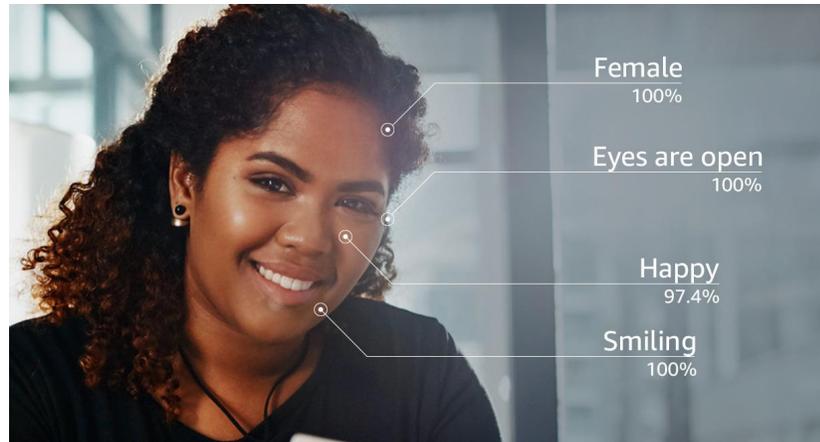


.NET



*php*

# Mão na Massa



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**BONUS**