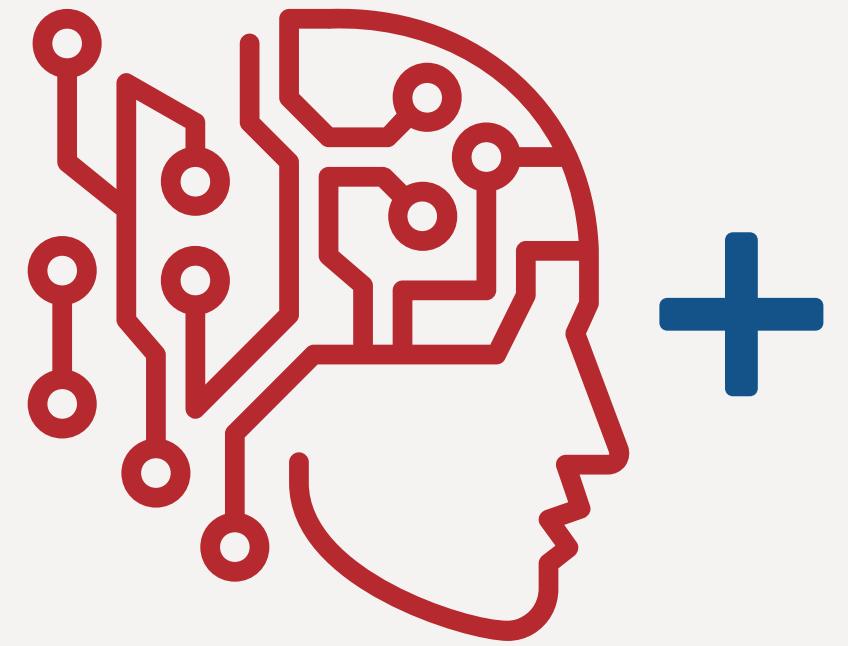


# **PROCESSAMENTO DE LINGUAGEM NATURAL**

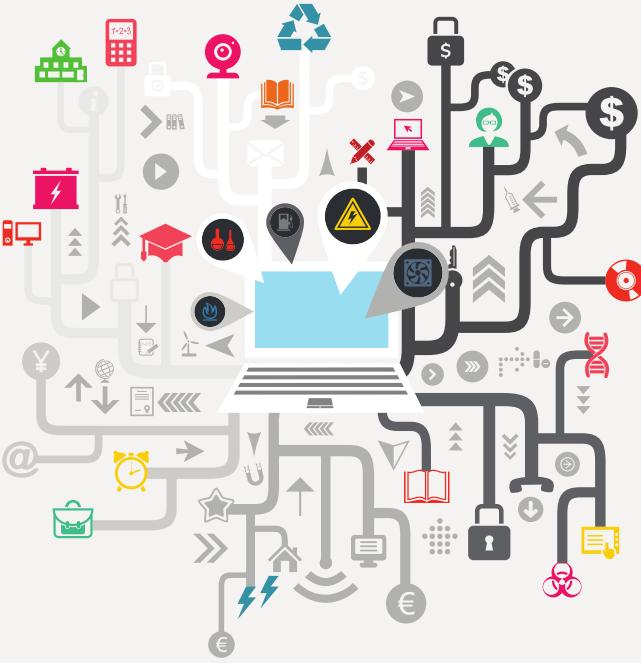


A photograph showing several people in a workshop environment, focused on working on large-scale models of the Star Wars droid R2-D2. The droids are white with blue and black accents. One droid is prominently in the foreground, another is being worked on by a man in a light-colored shirt, and a third is visible on the right. The workshop is filled with tools, equipment, and other parts, suggesting a custom build or restoration project.

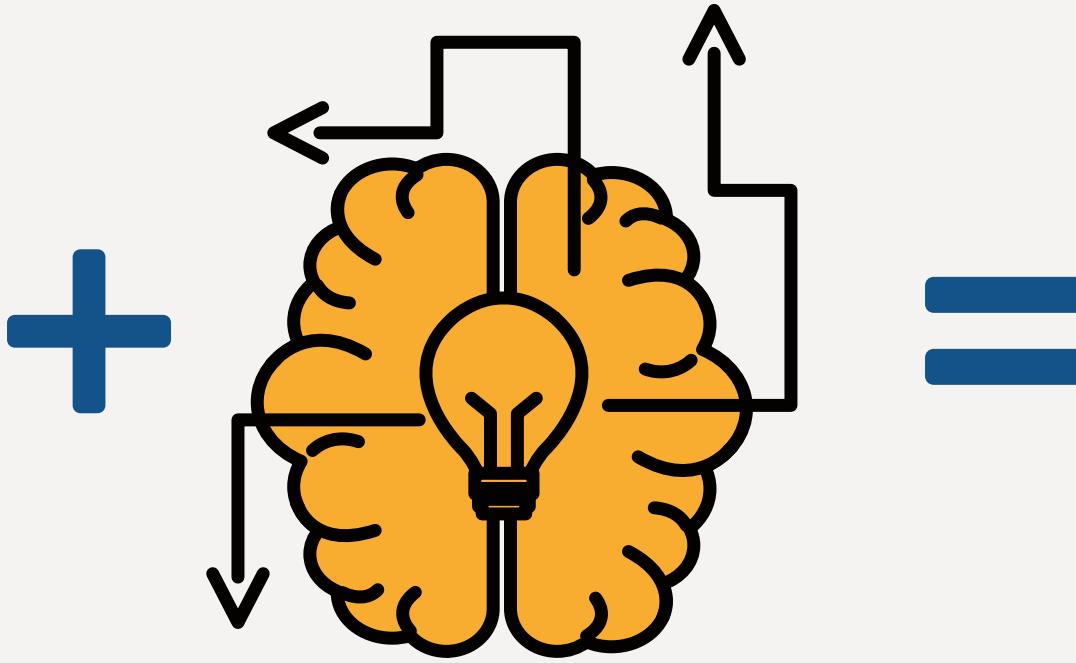
ORIGEM E CONCEITO



Inteligência  
Artificial



Ciência da  
Computação



Linguística



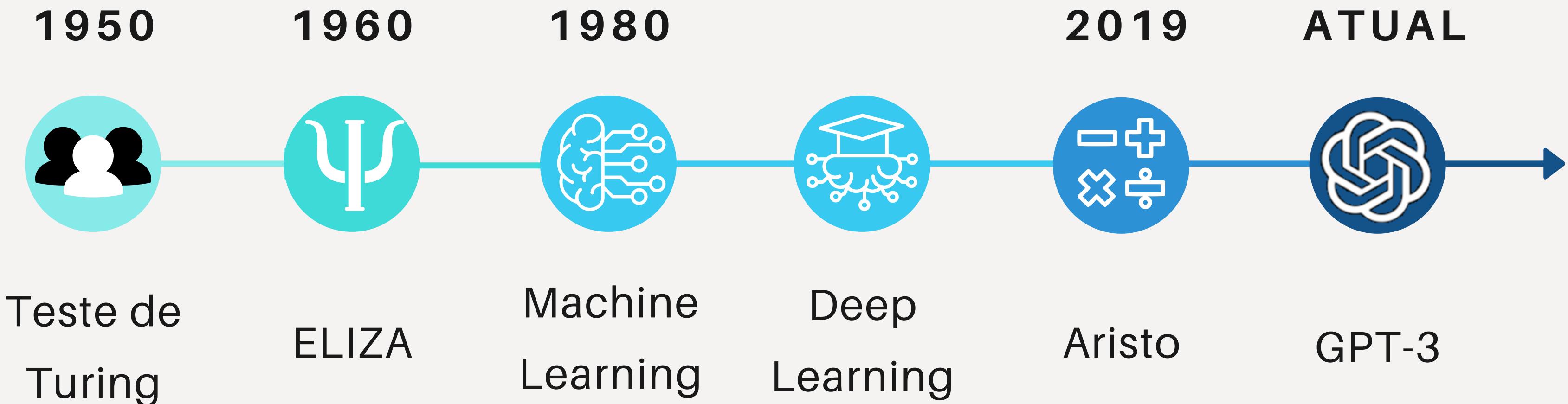
Processamento de  
Linguagem Natural



# EVOLUÇÃO DOS MODELOS

# EVOLUÇÃO DOS MODELOS

Uma breve história do PLN



A scene from the LEGO Star Wars video game featuring Luke Skywalker, Han Solo, R2-D2, and C-3PO in a desert landscape. Luke is on the left, Han is behind R2-D2, R2-D2 is in the center, and C-3PO is on the right.

# APLICABILIDADE





# **DESAFIOS DE IMPLEMENTAÇÃO**

# **DESAFIOS A LONGO PRAZO**

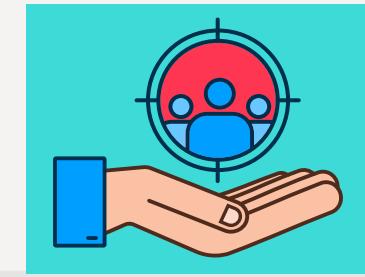


**SEMÂNTICA**

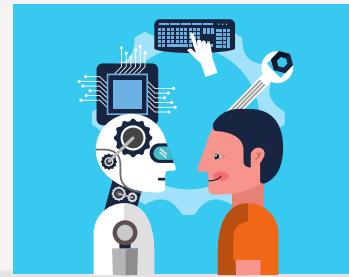


**IDIOMAS**

# **DESAFIOS IMEDIATOS**



**RELAÇÃO  
COM O  
CLIENTE**



**AUTOMAÇÃO**

A close-up shot from Star Wars: The Force Awakens. Yoda's green, wrinkled face is on the left, looking intently at a blue droid's circular screen on the right. The droid has a metallic body and a small antenna. The background is dark and out of focus.

# GPT-3: O QUÉ É



OBRIGADE!