



# Artificial Intelligence

by Alex Freitas Soares

# Introduction

- **What is AI**
- **AI Today**
- **Risks of AI**
- **Benefits of AI**



# What is AI

## Intelligent behaviour

🎭 If a machine can convince a human that it is also human, then it should be considered intelligent. (Alan Turing, 1950)

## Simulation of human intelligence processes by machines

🚫 AI doesn't have consciousness, self-awareness, emotions, or common sense.



# AI Today

AI is already integrated into our daily lives

- Chatbots (ChatGPT)
- Recommendation systems (Netflix, Amazon)
- Self-driving technology (Tesla)
- Healthcare (disease diagnosis assistance)



# Risks of AI

**AI is not perfect**

- **Bias and fairness issues**
- **Job displacement**
- **Security risks**
- **Existential risks**



# Benefits of AI

But AI can be very useful

- Efficiency and productivity
- Healthcare improvements
- Accessibility
- Innovation



# Recap

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A STEVEN SPIELBERG FILM

INTELLIGENCE ARTIFICIELLE

WARNER BROS. PICTURES and DREAMWORKS PICTURES present  
An AMBLIN/STANLEY KUBRICK Production A Film By STEVEN SPIELBERG A.I. ARTIFICIAL INTELLIGENCE HALEY JOEL OSMENT JUDE LAW  
FRANCES O'CONNOR BRENDAN GLEESON and WILLIAM HURT Robot Characters Designed By STAN WINSTON STUDIO  
Special Visual Effects & Animation By INDUSTRIAL LIGHT & MAGIC Costume Design BOB RINGWOOD Set/Crafts JEANINE SALLA Music By JOHN WILLIAMS  
Film Editor MICHAEL KAHN, A.C.E. Production Designer RICK CARTER Director of Photography JANUSZ KAMINSKI, A.S.C. Executive Producers JAN HARLAN WALTER F. PARKES  
Screenplay By STEVEN SPIELBERG Based on a Screen Story By IAN WATSON Based on the Short Story By BRIAN ALDISS  
Produced By KATHLEEN KENNEDY STEVEN SPIELBERG BONNIE CURTIS  
Directed By STEVEN SPIELBERG



# Thank you!