Milestones in AI and Machine Learning

Artificial Intelligence History · Answer Key · 10 Questions

1. What was the name of the program created by Arthur Samuel in 1952 that is considered one of the world's first self-learning programs?

A) Checkers-playing program
B) Chess-playing engine
C) Tic-Tac-Toe solver
D) Backgammon AI

2. In 1956, the term 'Artificial Intelligence' was officially coined at which academic conference?

A) The Turing Summit
B) The Dartmouth Workshop
C) The MIT AI Symposium
D) The London Logic Conference

3. Which program, created by Joseph Weizenbaum at MIT in 1966, was the first to simulate a psychotherapist by using pattern matching and substitution methodology?

A) SIRI
B) ELIZA
C) ALICE
D) SHRDLU

4. Who published the seminal 1950 paper 'Computing Machinery and Intelligence', which proposed the 'Imitation Game' to test machine intelligence?

A) John McCarthy
B) Marvin Minsky
C) Alan Turing
D) Claude Shannon

5. What was the first neural network-based hardware device, developed by Frank Rosenblatt in 1957, designed to perform pattern recognition?

A) The Perceptron
B) The Connection Machine
C) The Deep Blue Processor
D) The Tensor Core

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6. In 1997, IBM's Deep Blue became the first computer system to defeat a reigning world champion in which game?

A) Go
B) Poker
C) Chess
D) Bridge

7. Which company developed the 'AlphaGo' program that, in 2016, became the first AI to defeat a professional human Go player on a full-sized board?

A) OpenAI
B) Google DeepMind
C) Microsoft Research
D) NVIDIA

8. What is the name of the expert system developed in the 1970s at Stanford University to identify bacteria causing severe infections?

A) MYCIN
B) DENDRAL
C) PROSPECTOR
D) XCON

9. The term 'Machine Learning' was coined in 1959 by which pioneer while he was working at IBM?

A) Geoffrey Hinton
B) Yann LeCun
C) Arthur Samuel
D) Herbert Simon

10. In 2012, the AlexNet architecture achieved a breakthrough in computer vision by winning the ImageNet challenge using which type of model?

A) Support Vector Machine
B) Convolutional Neural Network
C) Recurrent Neural Network
D) Decision Tree

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