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Introduzione al corso: [Artificial Intelligence Professional Certificate \(CAIPC™\)](#)

In 1959, Arthur Samuel, a computer scientist who pioneered the study of artificial intelligence, described machine learning as “the study that gives computers the ability to learn without being explicitly programmed.” Alan Turing’s seminal paper (Turing, 1950) introduced a benchmark standard for demonstrating machine intelligence, such that a machine has to be intelligent and responsive in a manner that cannot be differentiated from that of a human being.

Machine Learning is an application of artificial intelligence where a computer/machine learns from the past experiences (input data) and makes future predictions. The performance of such a system should be at least at human level.

This certification focuses on clustering problems for unsupervised machine learning with K-Means algorithm. For Supervised machine learning we will describe the classification problem with a demonstration of design trees algorithm and the regression one with an example of linear regression.



Obiettivi di Apprendimento

Understand the fundamentals of artificial Intelligence and machine learning

Describe the methods of machine learning:
supervised and unsupervised

Use the data analysis for decision-Making

Understand the limits of algorithms

Understand and grasp Python programming, essential mathematics knowledge in AI, basic programming methods



A chi si rivolge

Anyone interested in expanding their knowledge in artificial intelligence and Machine (Engineers, analysts, marketing managers, Data Analysts, Data Scientists, Data Stewards, Anyone interested in Data Mining and Machine Learning techniques)



Prerequisiti

Nessun prerequisito formale

Esame di Certificazione

✓ Codice Certificazione: CAIPC



Certificazione della Persona:

✓ Esame ONLINE: **40 domande** a risposta multipla.

✓ Lingua: Inglese.

✓ Si supera con **32/40 risposte corrette o 80%**.

✓ Durata: massimo 60 minuti.



[Modulo di Iscrizione](#)