

Course Name:	Professional Diploma in Machine Learning and Artificial Intelligence
Duration:	6 months
Level:	Diploma
Mode of Learning:	Online
Prerequisite:	Mature Entry (21 years) with 3 years of related work experience, 5 CXC certificates (Math and English mandatory), Any certifications relevant to subject matter

Abstract

The machine learning and artificial intelligence course typically covers the principles, algorithms, and techniques used in creating intelligent systems that can learn and make predictions or decisions based on data. The course would cover topics such as supervised and unsupervised learning, regression and classification models, deep learning, neural networks, reinforcement learning, and natural language processing.

Course Content

Performance-Based Assessment Task: Performance-Based Task is an application-oriented end-of-the-course assessment. This Hands-on project will encourage the learners to apply the knowledge gained throughout the programme and build practical skills.

Students would learn:

- How to use popular machine learning libraries and frameworks such as scikit-learn, TensorFlow, or PyTorch
- Gain practical experience in building and training machine learning models using real-world data sets.
- The ethical and social implications of machine learning and artificial intelligence

Certification

THE DUAL CERTIFICATE is awarded by EIU-Paris (University) and Pedagog

Please Note: A Hard Copy of the certificate from the university can be requested at an additional minimal fee, via e-mail to hello@pedagog.ac

For more information mail hello@pedagog.ac

Lessons:

00:00:00 Artificial Intelligence Full Course 2022

00:01:45 Artificial Intelligence Basics

00:14:46 Top 10 AI Technologies 2022

00:24:47 Top 10 AI Companies for 2022

00:53:10 Machine Learning Algorithms

00:53:23 Linear Regression

01:02:08 Decision Tree

01:10:26 SVM

01:38:48 Clustering

01:39:31 K-means Clustering

02:09:11 Logistic Regression

02:35:34 KNN

05:04:16 Perceptron

07:19:27 RNN

08:13:01 Keras

09:25:19 CNN classification

10:06:38 Sequential Model

