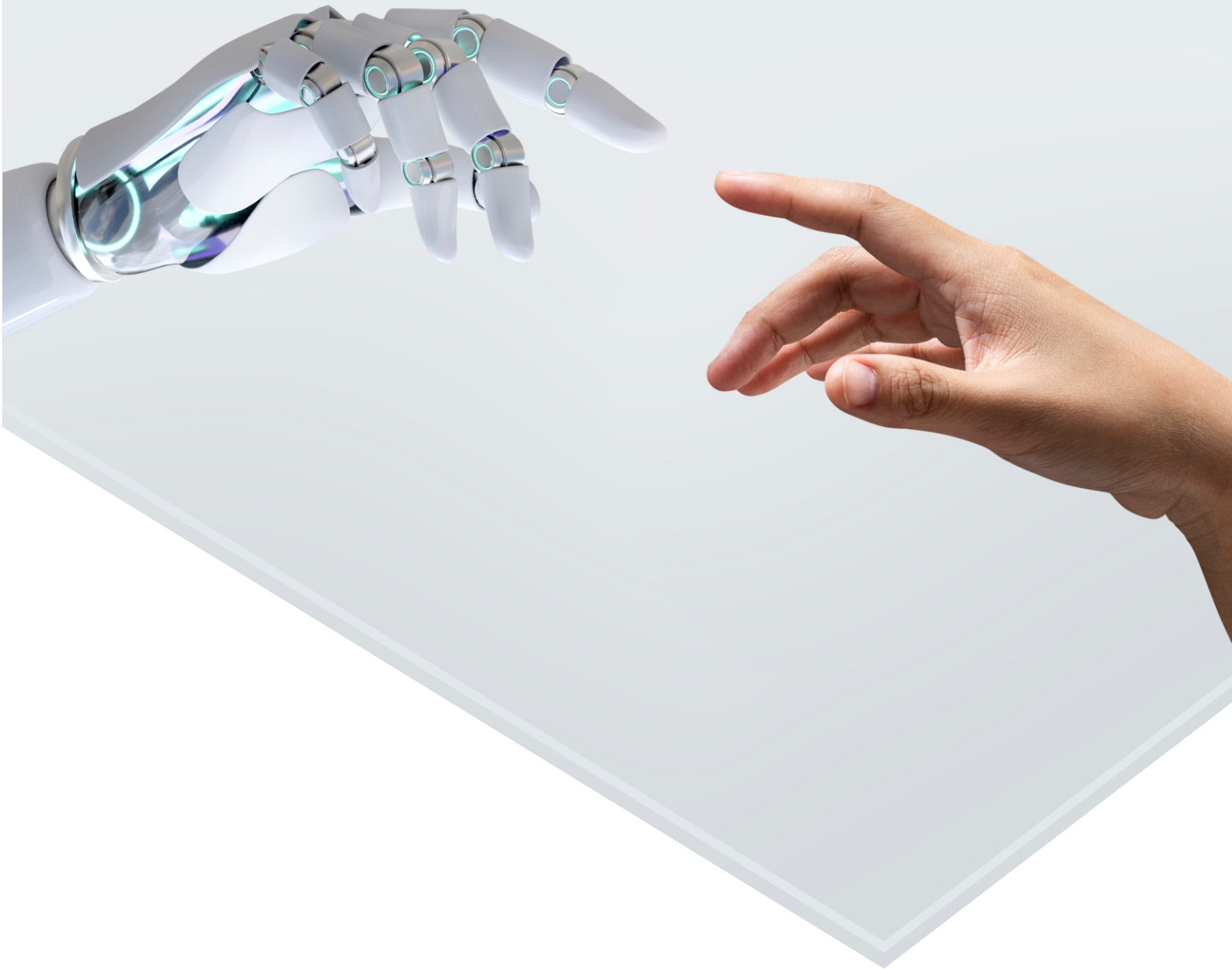




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Machine Learning

This Machine Learning course will provide comprehensive training in Machine Learning concepts and techniques, including supervised and unsupervised learning ,and hands-on modeling to develop algorithms. By the end of the course, you will have advanced knowledge and expertise in Machine Learning, preparing you for a successful career in the field

- Understand the theoretical foundations of Machine Learning and their practical applications.
- Master the concepts of data wrangling, feature engineering, feature selection, supervised and unsupervised learning.
- The course includes 20+ exercises and four real-world projects to give you hands-on experience in Machine Learning.
- Perform data manipulation with Pandas..
- Implement models such as support vector machines, kernel SVM, naïve Bayes, decision tree classifier, random forest classifier, logistic regression, K-means clustering and more in Python
- Evaluate the accuracy of Machine Learning models using various metrics and improve their performance through the use of optimization algorithms such as Boosting and Bagging

Course Curriculum

Lesson 01 -

Introduction to Machine Learning

Lesson 02 -

Data Wrangling

Lesson 03 -

Feature Engineering

Lesson 04 -

Supervised Learning-Classification and Regression

Lesson 05 -

Unsupervised learning

Lesson 06 -

Ensemble Learning

Lesson 07 -

Capstone Project

