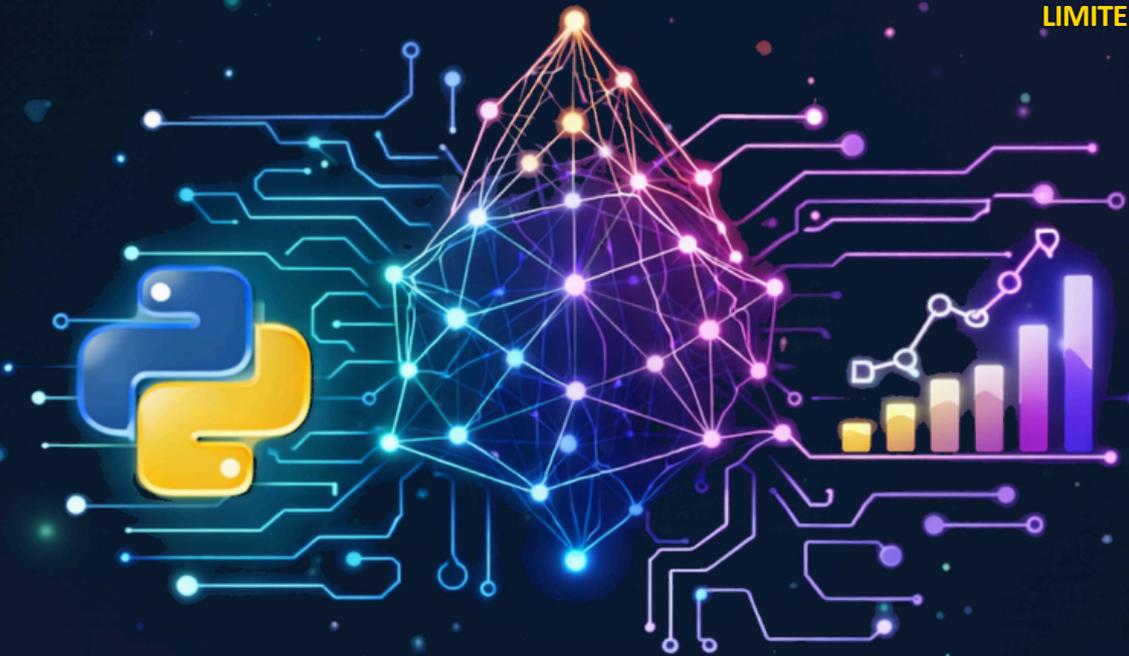


DATA SCIENCE & MACHINE LEARNING WITH PYTHON

A 4-WEEK COURSE TO LEARN DATA ANALYSIS & MODEL DEVELOPMENT

START DATE: APRIL 14, 2026
TUESDAY, THURSDAY & FRIDAY
7PM AEST
LIMITED SEATS



FROM DATA TO DECISIONS

Learn how to analyze data, visualize insights and build machine learning models with Python for effective decision-making.

This course is your starting point to learn fundamentals of data science with hands-on python implementation of machine learning workflows.

WHO IS THIS FOR?

Anyone who wants to learn how modern data science works and gain the confidence to start building with machine learning models: students, professionals, educators, entrepreneurs, and decision-makers from any background.



YOUR JOURNEY FROM DATA ANALYSIS TO MACHINE LEARNING

Session 01 - Modern Data Science: Foundations to Applications

Session 02 - Machine Learning Fundamentals: Learning Types & Pipeline

Session 03 - Fundamentals of Python: Hands-on Learning with Basic Building Blocks

Session 04 - Exploratory Data Analysis: Cleaning, Visualization & Feature Selection

Session 05 - Classification & Regression Evaluation Metrics

Session 06 - Decision Tree Classifiers & Regressors

Session 07 - Random Forests, Hyper-parameter Tuning & Cross Validation

Session 08 - Feature Scaling & K-Nearest Neighbors

Session 09 - Support Vector Machines & The Kernel Trick

Session 10 - KMeans Clustering

Session 11 - From Neuron to Neural Network

Session 12 - Guided Project Presentations

No prior programming, math, or AI experience is required: **the course starts from the fundamentals and gradually builds towards practical, hands-on skills.**

PI-NEURON digital certificates will be awarded to all participants

QUERIES: courses@pineuron.com.au

COURSE FEE: 199 AUD



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