

Advanced Machine Learning, Forecasting & Deployment Programme



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Stop building models that never leave the notebook. Start engineering AI solutions that deliver real business value. This intensive 5-day programme equips you with practical machine learning, forecasting, NLP, deep learning, and deployment skills to help you handle complex data problems, build production-ready models, and **accelerate your career growth**.

Master advanced ML workflows. Deploy with confidence. Drive evidence-based outcomes. — 100% HRDF Claimable.

Who Should Attend

Software engineers, computer science engineers, data analysts, and technical professionals with Python knowledge who want to solve complex data problems and deliver higher-value AI and analytics outcomes.

Why Sign Up

Advanced ML is a career-defining capability. Strengthen your ability to build, validate, explain, and operationalise models — moving from isolated analysis into end-to-end AI delivery that organisations actually need.

What You Will Learn

- 1

Software Engineering Foundations
Clean code, refactoring, documentation, testing, logging, and code review. Produce more reliable, maintainable, team-ready data science code.
- 2

Supervised Learning
Build and tune regression and classification models with proper evaluation. Create stronger predictive models for real business problems.
- 3

Unsupervised Learning
Clustering, PCA, ICA, and segmentation techniques. Uncover hidden patterns and customer or process insights from unlabeled data.
- 4

Time Series & Forecasting
Time-based analysis and forecasting concepts. Generate forward-looking insight for planning and decision support.
- 5

Natural Language Processing
Tokenisation, NER, TF-IDF, embeddings, and text modelling. Turn text-heavy information into actionable insight.
- 6

Deep Learning
Neural networks, Keras, PyTorch, and image classification. Expand into more advanced AI use cases with hands-on model building.
- 7

Deployment, Experimentation & Recommendation
Flask/dashboard deployment, A/B testing, validity, bias control, and recommendation engines. Move from model building to business implementation and evidence-based optimisation.

Practical & End-to-End
Real-world tools spanning the full ML workflow — from engineering clean code to deploying usable AI solutions.

Highly Applied
Hands-on exercises, live coding, model building, experimentation drills, and applied case studies throughout.

Immediate Career Value
Build advanced analytics and AI credibility that stands out in data science, digital transformation, and product-oriented roles.

Leave with stronger engineering discipline, validated modelling skills, NLP and deep learning exposure, deployment capability, and sound experimentation judgment — standing out as more versatile, more credible, and more valuable in advanced analytics and AI-focused environments.



Ready to progress from Python-enabled analysis into advanced machine learning and deployed AI? Enroll your team in this high-impact 5-day programme and build the capability organisations urgently need.

Inhouse and public run options available. Contact us for pricing and scheduling. Pre-register to secure your seat today.

Contact us email azli.ismail@eliteindigo.com or WhatsApp 6012 705 5594 (Aisha) or visit www.kredenzaadigital.com/eliteindigoprogram