EVOMIND INTELLIGENCE INC.

Machine Learning Engineering

Build, train, evaluate, and deploy ML models in production. Scikit-learn, PyTorch, feature engineering, MLOps pipelines.

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Program Overview

PRICE	DURATION
$6,000	12 weeks

FORMAT	LEVEL
Live	Advanced

Build, train, evaluate, and deploy ML models in production. Scikit-learn, PyTorch, feature engineering, MLOps pipelines.

This architect track is structured for adult learners who need practical, career-relevant depth without academic abstraction. Delivered as a live experience, the course combines guided milestones, implementation reviews, and applied exercises aligned with modern AI, engineering, and technical leadership work.

What You Will Learn

- Build machine learning pipelines that survive production realities.
- Engineer features, evaluate models, and track model quality rigorously.
- Deploy models with reproducible workflows and monitoring strategies.
- Understand how to balance experimentation with operational reliability.

What Is Included

- 12 live weeks with model labs, code reviews, and deployment clinics.
- Feature engineering and experiment tracking templates.
- Scikit-learn and PyTorch workflow examples.

- Production ML case studies covering quality, drift, and release risk.

Weekly Syllabus

WEEK 1

ML Engineering Foundations

Frame applied ML projects with production constraints and success metrics in mind.

Topics: Problem framing, Data pipelines, Evaluation baselines

WEEK 4

Feature Engineering and Modeling

Build stronger signals, compare model approaches, and improve predictive performance.

Topics: Feature pipelines, Model selection, Experiment tracking

WEEK 8

Training, Tuning, and Validation

Manage model quality through sound validation and robust optimization workflow.

Topics: Cross-validation, Hyperparameter tuning, Error analysis

WEEK 12

Production Deployment and Monitoring

Move models from notebooks to maintained services with confidence.

Topics: Serving patterns, Monitoring, Model release process

Instructor

Elena Novak

Elena is an ML systems engineer who bridges experimentation and production delivery across applied machine learning teams.

This EvoMind syllabus is an admissions overview for planning and evaluation. Final cohort dates, live session timing, assessments, and platform access details are shared in the welcome packet after enrollment.

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