

Artificial Intelligence for Defence Applications

A 4-day intensive programme covering the full AI pipeline from model development to edge deployment in defence contexts. Participants explore deep learning architectures, real-time detection frameworks such as YOLO, and segmentation and classification techniques tailored for operational environments. The course addresses the unique challenges of deploying AI in resource-constrained, high-reliability settings, including model optimisation, latency management, and robustness against adversarial conditions. Designed for intermediate to advanced practitioners, this programme includes hands-on sessions where participants train, evaluate, and deploy models on edge hardware, preparing them to integrate AI capabilities into existing defence systems and platforms.

Programme Details

- **Participants:** 10-20
- **Duration:** 4 Days
- **Level:** Intermediate / Advanced
- **Language:** TR / EN
- **Hands-On:** Yes
- **Certificate:** RAVEN Academy AI Certificate

Training Modules

- Deep Learning
- YOLO
- Segmentation
- Classification
- Edge AI
- Deployment



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