

Building Real-Time Video AI Applications Training

Course Outline

- Conceptualize the application and anatomy of, as well as challenges facing video AI analytics
- Construct a streaming analytics pipeline with hardware-accelerated components
- Deploy a turnkey video AI application with NVIDIA's pre-trained inference models
- Apply transfer learning to develop a custom video AI model that is configured for optimal performance
- Measure and improve video AI application performance

Tools, libraries, frameworks used: NVIDIA DeepStream, NVIDIA TAO Toolkit, and NVIDIA TensorRT