

Applications of AI for Predictive Maintenance

Covers anomaly and failure identification in time-series data and mapping those signals to predictive maintenance decisions.

COURSE CODE

Program-aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

8 hours

CERTIFICATION TRACK

Available on request

AUDIENCE PROFILE

Who This Program Is For

Built for teams exploring AI-led maintenance and failure prediction workflows.

PROGRAM SUMMARY

What This Course Covers

Official NVIDIA DLI workshop on anomaly and failure detection in predictive maintenance workflows.

Tailored Delivery Available

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topic areas covered under each module.



1 Apply AI to maintenance scenarios

Use time-series deep learning patterns to identify failures and estimate useful life.

- Time-series anomaly detection
- Remaining useful life modeling