



Applications of AI for Predictive Maintenance (AAPM)

ID AAPM Price on request Duration 1 day

This course is part of the following Certifications

NVIDIA-Certified Associate: Generative AI
Multimodal (NCA-GENM)

Prerequisites

- Experience with Python
- Basic understanding of data processing and deep learning

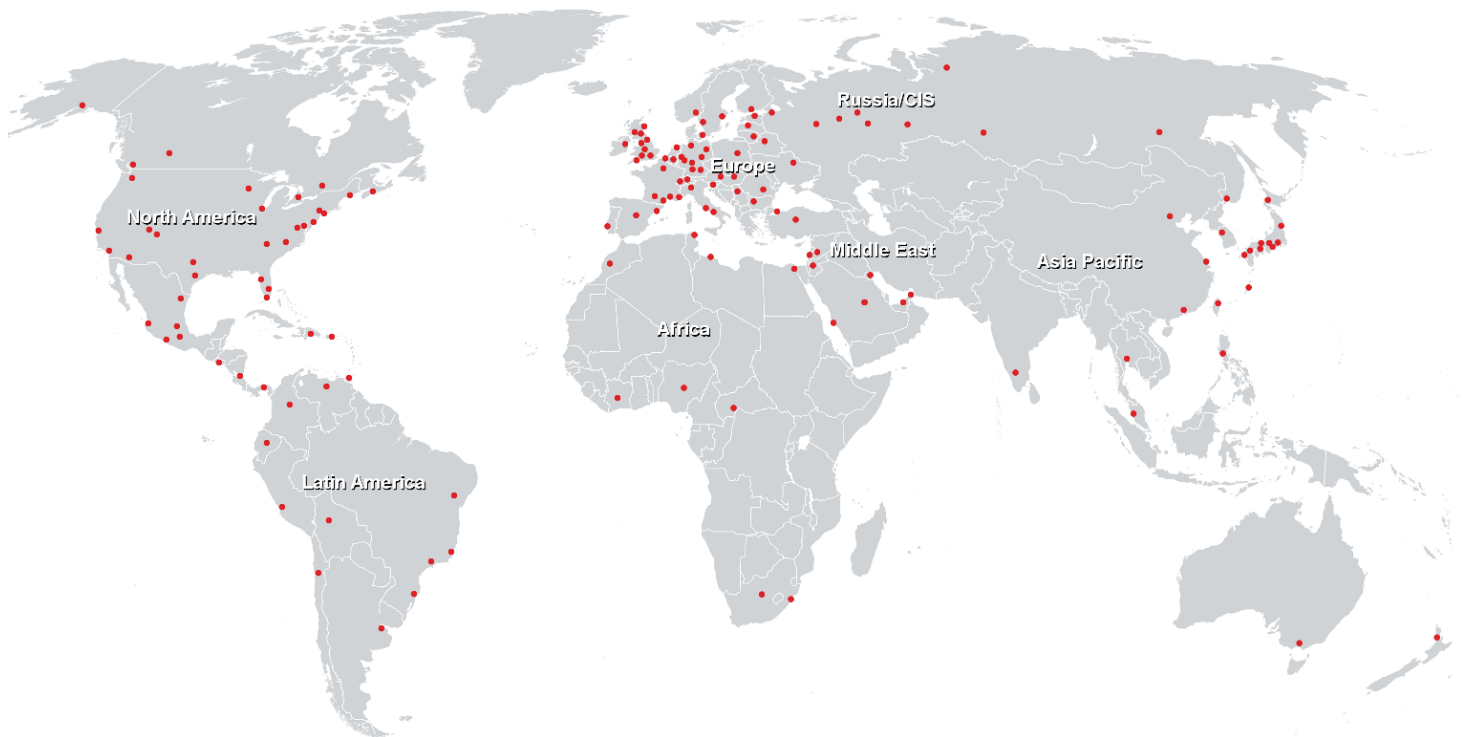
Suggested materials to satisfy prerequisites: Python Tutorial, Getting Started with Deep Learning

Course Objectives

- Use AI-based predictive maintenance to prevent failures and unplanned downtimes
- Identify key challenges around detecting anomalies that can lead to costly breakdowns
- Use time-series data to predict outcomes with XGBoost-based machine learning classification models
- Use an LSTM-based model to predict equipment failure
- Use anomaly detection with time-series autoencoders to predict failures when limited failure-example data is available

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Training Centres worldwide



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