

## Applications of AI for Predictive Maintenance (AAPM)

ID AAPM Preis auf Anfrage Dauer 1 Tag

### Empfohlenes Training für die Zertifizierung zum

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

### Voraussetzungen

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

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

### Kursziele

- 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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## Weltweite Trainingscenter



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