Applications of AI for Predictive Maintenance (AAPM)

ID AAPM **Prix** sur demande **Durée** 1 jours

Pré-requis

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

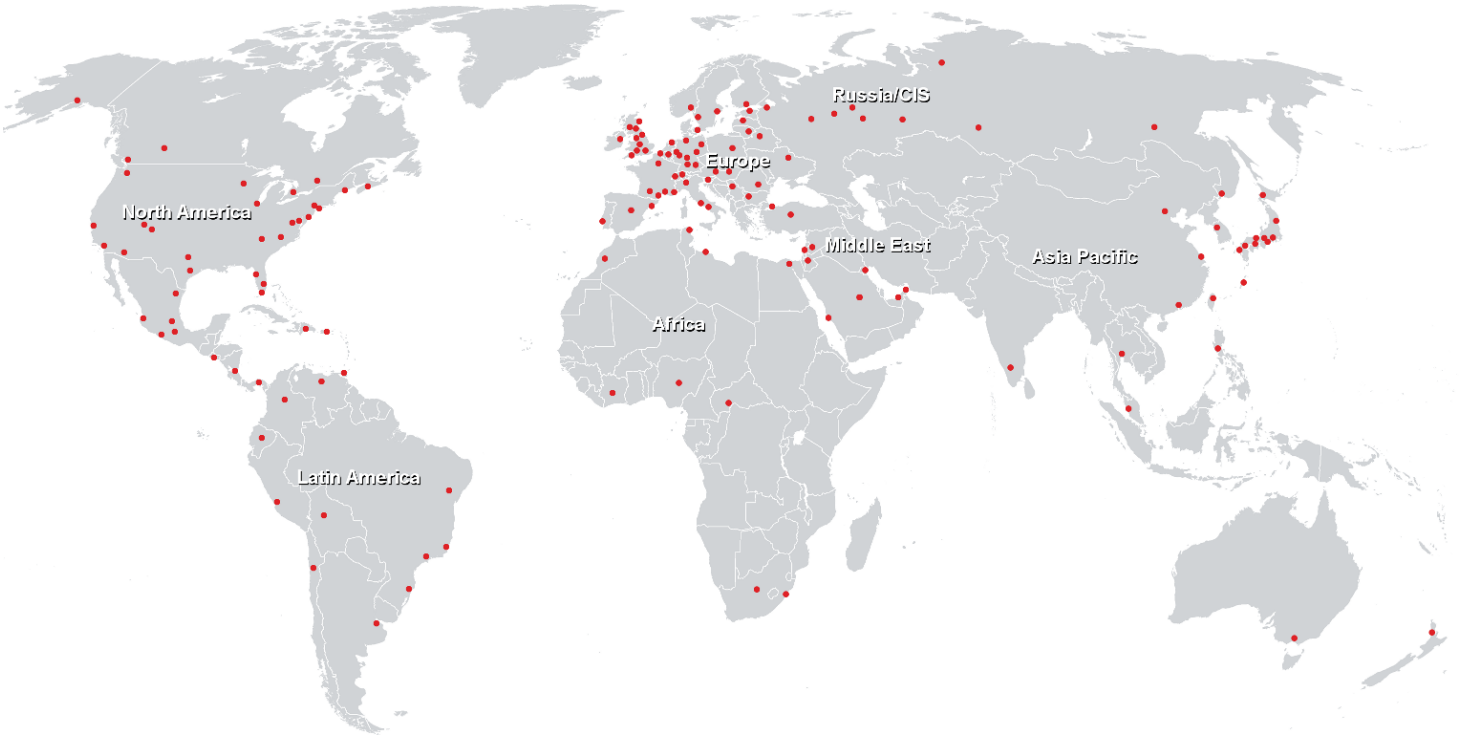
Suggested materials to satisfy prerequisites: Python Tutorial, Getting Started with Deep Learning

Objectifs

- 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

Applications of AI for Predictive Maintenance (AAPM)

Centres de formation dans le monde entier





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch