Advanced Machine Learning with TensorFlow on Google Cloud Platform (MLTF)

ID MLTF **Price** on request **Duration** 5 days

Who should attend

- Data Engineers and programmers interested in learning how to apply machine learning in practice
- Anyone interested in learning how to leverage machine learning in their enterprise

This course is part of the following Certifications

Google Cloud Certified Professional Machine Learning Engineer (PMLE)

Prerequisites

To get the most out of this course, participants should have:

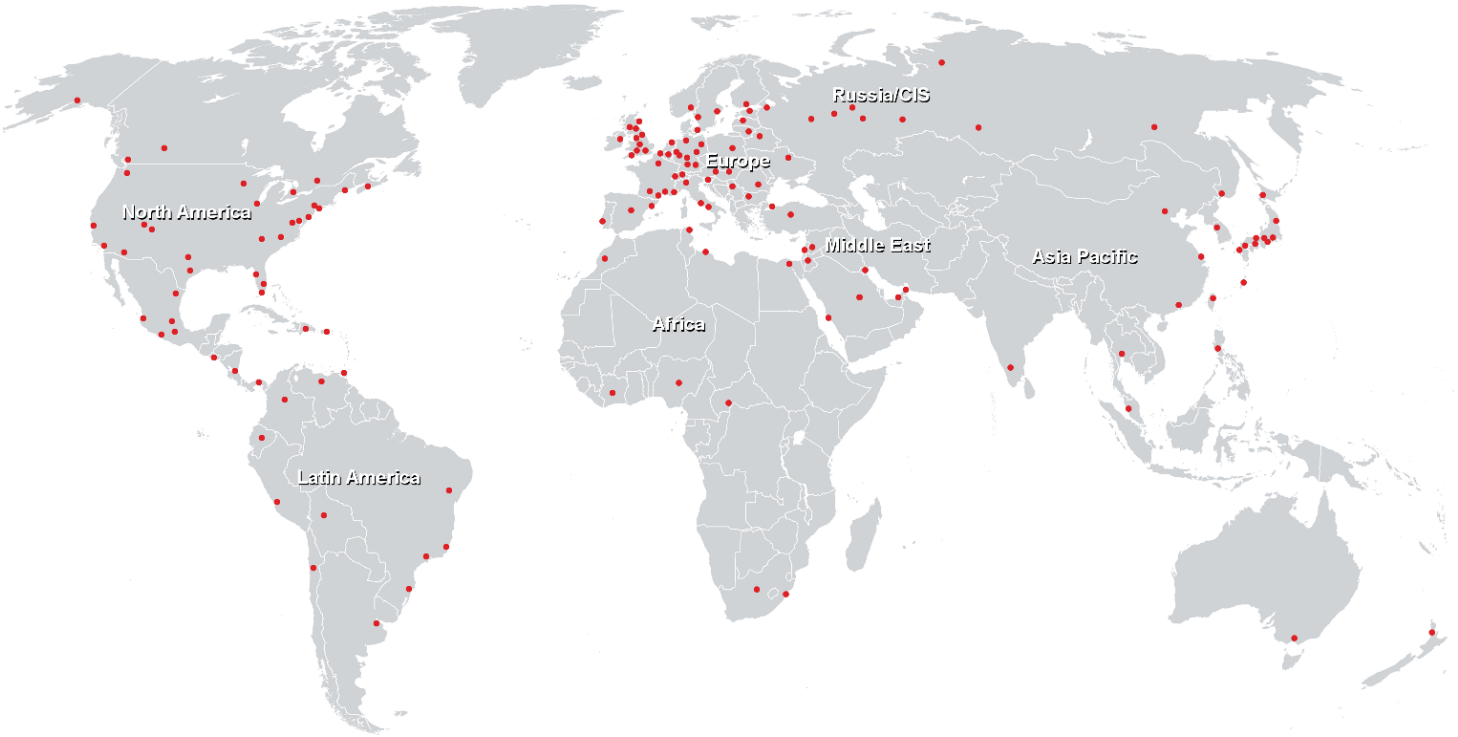
- Knowledge of machine learning and TensorFlow to the level covered in Machine Learning on Google Cloud coursework
- Experience coding in Python
- Knowledge of basic statistics
- Knowledge of SQL and cloud computing (helpful)

Course Objectives

This course teaches participants the following skills:

- Implement the various flavors of production ML systems—static, dynamic, and continuous training; static and dynamic inference; and batch and online processing
- Solve an ML problem by building an end-to-end pipeline, going from data exploration, preprocessing, feature engineering, model building, hyperparameter tuning, deployment, and serving
- Develop a range of image classification models from simple linear models to high-performing convolutional neural networks (CNNs) with batch normalization, augmentation, and transfer learning
- Forecast time-series values using CNNs, recurrent neural networks (RNNs), and LSTMs
- Apply ML to natural language text using CNNs, RNNs, LSTMs, reusable word embeddings, and encoder-decoder generative models
- Implement content-based, collaborative, hybrid, and neural recommendation models in TensorFlow

Training Centres worldwide



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