Fundamentals of Accelerated Data Science (FADS)

ID FADS **Price** on request **Duration** 1 days

This course is part of the following Certifications

NVIDIA-Certified Associate: Generative AI LLMs (NCA-GENL)

Prerequisites

Experience with Python, ideally including pandas and NumPy.

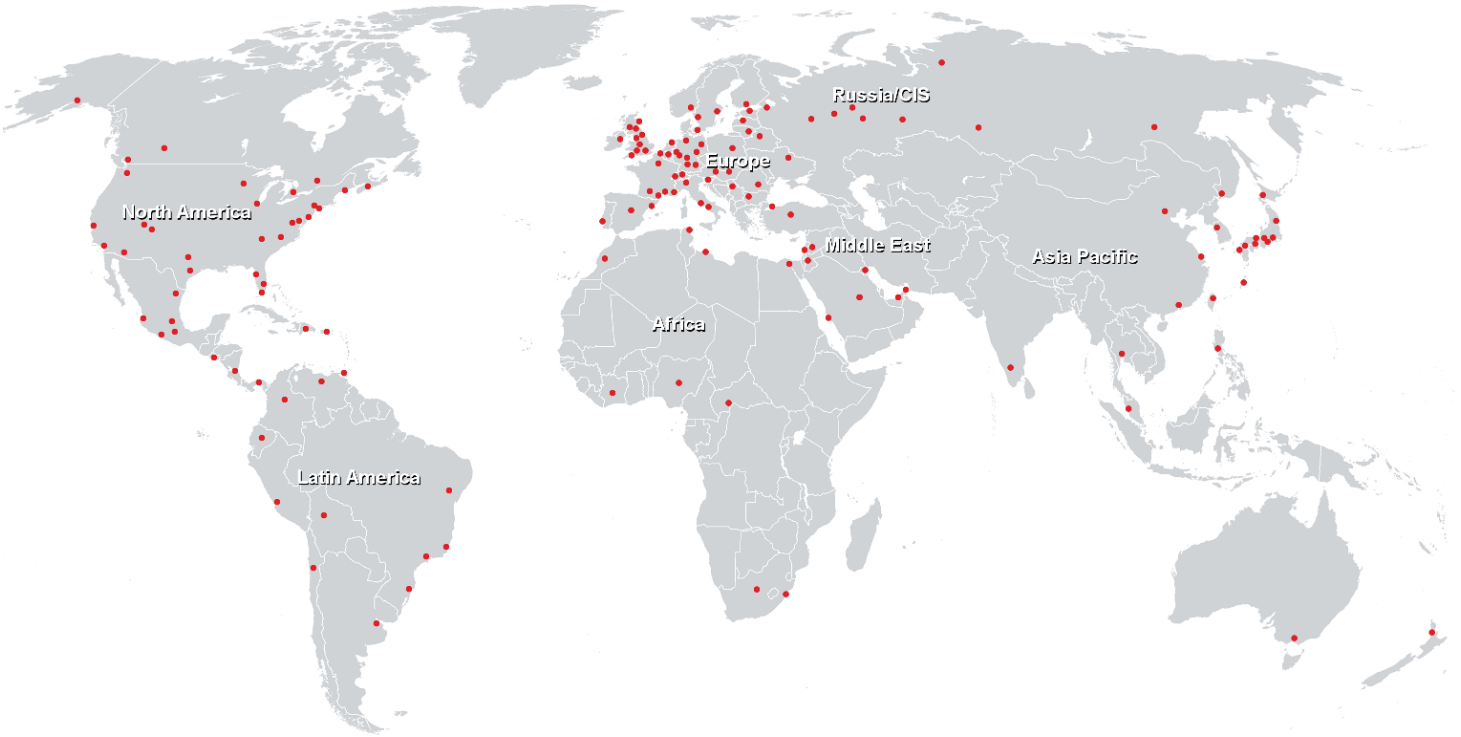
Suggested resources to satisfy prerequisites: Kaggle's pandas Tutorials, Kaggle's Intro to Machine Learning, Accelerating Data Science Workflows with RAPIDS

Course Objectives

- Implement GPU-accelerated data preparation and feature extraction using cuDF and Apache Arrow data frames
- Apply a broad spectrum of GPU-accelerated machine learning tasks using XGBoost and a variety of cuML algorithms
- Execute GPU-accelerated graph analysis with cuGraph, achieving massive-scale analytics in small amounts of time
- Rapidly achieve massive-scale graph analytics using cuGraph routines

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Training Centres worldwide





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