ARCTIQ PROFESSIONAL SERVICES
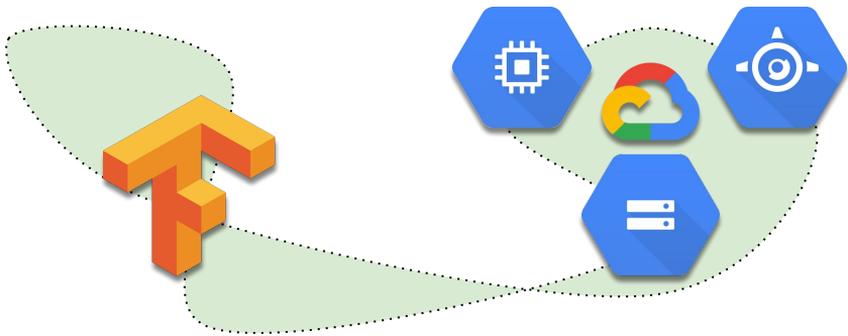
GCP ML Workshops

Arctiq technical workshops are focused on real-world enablement in condensed format. Hands-on and instructor-led, this is an introductory workshop to Machine Learning and an overview of Tensorflow on GCP.

The course provides a combination of theoretical knowledge, as well as hands on demonstrations and exercises to illustrate and reinforce the concepts. The ML workshop will then show how the same problems can be solved with Tensorflow.

//included in every Arctiq workshop

- Training Facilities @ Arctiq in downtown Toronto (custom onsite is available)
- Workshop Materials
- Lab Access for 48 Hours
- Team Slack Channel invitation to collaborate

MORNING SESSION

The following ML introductory topics will be covered during the morning workshop session:

- An Introduction to Machine Learning and Artificial Intelligence
- Machine Learning Toolbox
- Data Scrubbing
- Data Management
- Bias and Variance

AFTERNOON SESSION

In the afternoon, Tensorflow will be explored in further detail with the following agenda topics:

- Algorithm Categories
- Algorithm Regression, Clusters, Neural Networks
- Introduction to Tensorflow
- TensorFlow Installation and Setup Lab
- Building Our First Model

"My team is enthusiastic and I have not seen them this happy in a long time. Really great job and great style of coaching!"

TensorFlow is an open source software library for high performance numerical computation. Its flexible architecture allows easy deployment of computation across a variety of platforms (CPUs, GPUs, TPUs), and from desktops to clusters of servers to mobile and edge devices. Originally developed by researchers and engineers from the Google Brain team within Google's AI organization, it comes with strong support for machine learning and deep learning and the flexible numerical computation core is used across many other scientific domains.