

# Google Cloud AutoML Training

*COURSE CONTENT*

## GET IN TOUCH



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## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

Google Cloud AutoML Training by Multisoft Systems is designed to help professionals harness the capabilities of machine learning without the need for deep coding expertise. This comprehensive course provides in-depth knowledge of Google Cloud's AutoML suite, enabling learners to build, train, and deploy high-quality custom machine learning models with ease.

## Module 1: Introduction to AutoML

- ✓ What is the vision behind AutoML?
- ✓ High level overview of Learning2Learn, Transfer Learning
- ✓ Where does AutoML fit into Google's Machine Learning ecosystem?
- ✓ What is Cloud AutoML?

## Module 2: AutoML Vision

- ✓ Challenge: Labeling Images accurately
- ✓ Your Options: Vision API vs. AutoML Vision
- ✓ AutoML Vision Training (walkthrough)
- ✓ Recap: Data Preparation
- ✓ Recap: Model Evaluation
- ✓ Recap: Model Testing

## Module 3: AutoML Natural Language

- ✓ Challenge: Detect Entities & Sentiment in Conversation
- ✓ Your Options: NL API vs. AutoML Natural Language
- ✓ AutoML Natural Language Training (walkthrough)
- ✓ Recap: Data Preparation
- ✓ Recap: Model Evaluation
- ✓ Recap: Model Testing

## Module 4: AutoML Translation

- ✓ Challenge: Translate query language
- ✓ Pick your option: Translation API vs. AutoML Translate
- ✓ AutoML Translate Training (walkthrough)
- ✓ Recap: Data Preparation
- ✓ Recap: Model Evaluation
- ✓ Recap: Model Testing

## Module 5: Putting It All Together

- ✓ The Google ML Ecosystem: Cloud ML, Auto ML, TensorFlow, Firebase ML Kit
- ✓ What We Saw: Auto ML Vision, NL, Translation?
- ✓ Where is it useful: Application Examples?
- ✓ What are the challenges: Preparation & Evaluation?
- ✓ Where next: Resources & Recommendations?