

## **ABSTRACTION**

Certified Independent Study Program at Bangkit Academy 2022 by Google, GoTo, Traveloka with Machine Learning, Cloud Computing and Mobile Development learning pathways are being implemented from February 21 until now. With technical learning carried out online, it consists of three methods, namely: synchronously, asynchronously, and independent learning through 3 platforms namely: Dicoding, Qwiklabs, and Coursera. On the Machine Learning path, participants learn six mandatory topics, namely: Dicoding's Python, IT Automation with Python, Mathematics for Machine Learning, TF Developer Professional, Structuring Machine Learning Project, TF Data and Deployment, TensorFlow Certification Preparation. In addition to machine learning, Bangkit Academy also provides classes to develop participants' soft skills and English. And at the end of the program there will be a capstone project, namely a project that will encourage participants to solve problems in the real world. There will also be preparation for the TensorFlow certification exam, and additional classes.

Keyword: Studi Independen Bersertifikat, Google, Machine Learning