

## **ABSTRACT**

The field of machine learning has seen tremendous advances in the last few years and is increasingly being applied to data of all kinds. The community service activity was formed to investigate the real and potential career in Machine Learning and provide recommendations for how to apply these technologies. The workshop was attended by students from SMK in Kelurahan Meruya Utara around Universitas Mercu Buana (Meruya Campus). Machine learning algorithms implement models that are adjusted according to data. Machine learning models can be applied when there is insufficient knowledge or resources to develop models. This situation makes the technology attractive in many contexts. In particular, models can often be challenging to understand, and it is crucial to be aware that the limitations and pitfalls of machine learning models may be poorly understood.