

## Abstract (English)

Recent technological development in the past decade has been the formidable driver of social and economic transformations across global economies. This study begins by providing a more comprehensive overview of potential impacts of this transformative change on Thailand's economy and its labour market. Technological revolution not only alters the way domestic productions operate, but it also indirectly impacts how international trade functions. The study then employs a machine learning analysis – famously used by Frey and Osborne (2017) to estimate the probability of joblessness for each detailed occupation in Thailand, and provide the predicted magnitude of jobs at risk. We find that if there is no further restructuring of Thailand's labour markets, a large share of Thai workers will face the undesirable prospect of joblessness in a near future.