

Bachelor's thesis: 105 p., 12 fig., 15 tabl., 2 appendixes, 9 sources.

Topic of the research: «Machine learning methods for classification of a mobile subscriber as a driver». The object of research is a subscriber features collected from CJSC Kyivstar subscriber base.

The subject of research is the use of neural networks for classification tasks.

The aim of the study is to study the existing machine learning techniques, including artificial neural networks, development of software that enables mobile subscribers to classify for his performance as a motorist.

The methods are based on machine learning, optimization methods, mathematical statistics.

The software is implemented using the programming language Python. Recommendations for further research are given.

MACHINE LEARNING, ARTIFICIAL NEURAL NETWORK,
TELECOMMUNICATIONS, MULTILAYER PERTSEPTRON NETWORK