

This is to certify that **Yana Kutsko**
successfully completed year training programme
at MADE Big Data Academy and was qualified as Machine Learning Engineer

TERM 1

Subject	Hours	Instructor	Grade
Intensive Python	32	Gennady Kandaurov, Anton Kukhtichev	passed
Intensive Computer Science	16	Artem Agafonov	passed
Algorithms and Data Structures	64	Grigory Shovkoplyas	B
Machine Learning	48	Radoslav Neichev	A
MLOps	40	Mikhail Maryufich	B
Advanced Python	40	Gennady Kandaurov, Anton Kukhtichev	C
Large Scale Machine Learning	36	Andrey Kuznetsov	C
Study project. Production and deployment of ML/DS product	12		passed

TERM 2

Subject	Hours	Instructor	Grade
Deep Learning	16	Ivan Karpukhin, Radoslav Neichev, Fedor Kishatov, Boris Lestsov	passed
Advanced Machine Learning	48	Sergey Nikolenko	A
Computer Vision	56	Ivan Karpukhin, Fedor Kishatov	A
Natural Language Processing	52	Radoslav Neichev	C
Recommender systems	28	Nikolai Anokhin, Daria Nikanorova	B
Machine Learning. Spark	16	Dmitrii Bugajchenko	passed
A/B testing	16	Aleksandr Smirnov	passed

Final
Project

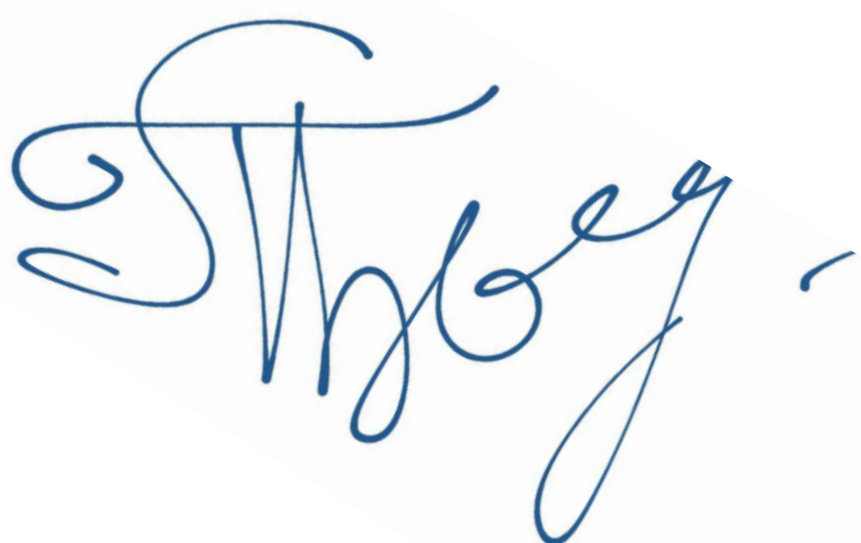
Determining the topics of VKontakte publics

Idea author	Mamaev Alexander, Ishkov Denis	Grade	5	June 2023
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