

CERTIFICATE

Oleksandr Shvaiher

Has successfully completed

DATA SCIENTIST

course at GoIT

03.03.2025

Unique ID

36729

goit.global

CEO of GoIT

Anton Chornyi



Supplement to Data Science and Machine Learning course certificate

General information

Soft Skills

2 classes, 4 hours

Python Core

16 classes, 32 hours

8 assignments on Tech Skills

Data Science and Machine Learning

32 classes, 64 hours

16 assignments on Tech Skills

1 team projects

Python core units

Unit 1. Introduction to Python

Unit 2. Flow control and functions

Unit 3. Working with date, time and advanced string operations

Unit 4. Working with files and the modular system

Unit 5. Functional programming and built-in Python modules

Unit 6. Basics of working with classes

Unit 7. Advanced object-oriented programming in Python

Unit 8. Serialization and copying objects in Python

Data Science and Machine Learning units:

Unit 1. Python Development. Docker

Unit 2. Introduction to SQL databases

Unit 3. NoSQL basics on the example of MongoDB

Unit 4. Introduction to Data Science

Unit 5. EDA. Basics of statistics

Unit 6. Classical machine learning

Unit 7. Classification. Model evaluation

Unit 8. Other supervised learning algorithms

Unit 9. Unsupervised learning

Unit 10. Recommender systems

Unit 11. Deep learning

Unit 12. NNs Hyperparameters tuning

Unit 13. Convolutional neural networks

Unit 14. Sequence Models

Unit 15. Intro to NLP. State of the art NN

Unit 16. Dash interactive web applications