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COURSE COMPLETION

Number: 1656216162212

CERTIFICATE

CONFIRMING THAT

Leščešen Igor

has completed

"Python accelrated course - profile Data Science"

duration 3 weeks, total 24 hours

Issued on:

25.06.2022.

Valentina Mikhaylova

Director



Vladimir Obradović

Course instructor

This certificate is proof of learning. It is not a formal qualification, degree or part of a diploma.

The person named in this certificate has completed the activities described in the attached transcript.

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<http://iamaiacademy.sentiencelab.com/certs/pyaccen/1656216162212.pdf>



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Leščešen Igor

has completed following course:

Python accelerated course - profile Data Science

The aim of the course is to provide a minimal and simple set of knowledge for programming in the Python programming language, with a focus on Data Science.

Required learning time

3 weeks, 8 hours weekly

Learning result

- Understand what Python is and how it works
- Install the Python programming environment Anaconda
- Understand how it works in the Anaconda environment
- Install a development editor for Python
- Understand what Python data types are, how and when they are used
- Use Python control structures correctly
- Analyze tabular data using the Pandas library
- Use Pandas as a replacement for Excel
- Visualize tabular data in graph form using the Matplot lib and Plotly libraries

- Use NumPy for elementary statistical calculations

Course syllabus

- Introduction to Python
- Anaconda environment
- Visual Studio Code
- Python syntax and data types
- Control structures, strings and dictionaries
- Matplotlib
- Plotly
- Pre-processing and data analysis
- Python functions and libraries
- Working with Python files
- Pandas Data Analysis Library
- NumPy library
- Data and statistics