



Certificate of Completion
of the Data Scientist plus
Professional Training Course

Ivan Zhukov has successfully completed the Data Scientist Plus professional training course at Practicum by Yandex (INO CPE "Yandex EdTech") – 610 hours.

Certificate number
20222DSP00001

Content covered in the course

1.	Python and Data Analysis Basics	20 h	Pass
2.	Basic Python	30 h	Pass
3.	Data Preprocessing	35 h	Pass
4.	Exploratory Data Analysis	30 h	Pass
5.	Integrated Project 1	20 h	Pass
6.	Statistical Data Analysis	20 h	Pass
7.	Introduction to Machine Learning	20 h	Pass
8.	Supervised Learning	20 h	Pass
9.	Machine Learning in Business	25 h	Pass
10.	Integrated Project 2	20 h	Pass
11.	Basic SQL	30 h	Pass
12.	Command Line and Git	10 h	Pass
13.	Project with Real Customers at "Workshop"	30 h	Pass

14.	Big Data processing systems	25 h	Pass
15.	Linear Algebra	20 h	Pass
16.	Numerical Methods	20 h	Pass
17.	Project with Real Customers at "Workshop"	30 h	Pass
18.	Advanced SQL	30 h	Pass
19.	Models and algorithms in machine learning	40 h	Pass
20.	Integrated Project 3	20 h	Pass
21.	Time Series	15 h	Pass
22.	Machine Learning for Texts	25 h	Pass
23.	Computer Vision	25 h	Pass
24.	Integrated Project 4	20 h	Pass
25.	Graduation Project	30 h	Pass

Lyudmila Romash,
Representative by Power of Attorney
INO CPE "Yandex EdTech"



Sergey Brazhnik,
Director of
INO CPE "Yandex EdTech"



24.10.2022