



Certificate

No. 931/BDG/P-SNBR/CODE/2020

This is to certify that

Ma'shum Abdul Jabbar

has participated

Python - Data Science

on June 15th - July 10th, 2020 provided by Sanbercode.

Bandung, July 2020

Sanbercode CEO



A stylized, handwritten signature in blue ink, overlapping the Sanbercode logo.
sanbercode
Khairun Rizki

Skill Report

Name : Ma'shum Abdul Jabbar

Course : Python - Data Science

Technical Skills

Topic	Sub Topic
Basic Python	<ul style="list-style-type: none">• Python List, Dictionary, Method, Function• Logic Control Flow and Loop• Getting Help
Pandas	<ul style="list-style-type: none">• Access / Indexing Data• Data Transformation• Reshaping Data• Grouping Data• Merging Data
Visualization	<ul style="list-style-type: none">• Matplotlib• Custom Visualization• Multiple Plots• Quantitative Comparisons
Machine Learning	<ul style="list-style-type: none">• Scikit-Learn (Supervised Learning)• Preprocessing Data• Model Selection• Model Performance Evaluation