



Certificate

No. 33324/282/SNBR/BOOTCAMP/VIII/2022

This is to certify that

Muhammad Naufal Rafianto

has completed

Python - Data Science

on July 04th - July 29th, 2022 provided by Sanbercode.

Bandung, July 2022

Sanbercode CEO



 **sanbercode**
Khairun Rizki

Skill Report

Name : Muhammad Naufal Rafianto

Course : Python - Data Science

Technical Skills

Topic	Sub Topic
Basic Python & Statistics	<ul style="list-style-type: none">• Python List, Dictionary• Getting Help, Method, Function• Logic Control Flow and Loop• Descriptive Statistics
Pandas	<ul style="list-style-type: none">• Series & DataFrame• Access / Indexing Data• Data Transformation• Data Reshaping• Data Merging
Visualization	<ul style="list-style-type: none">• Matplotlib• Custom Visualization• Multiple Plots• Quantitative Comparisons• Seaborn
Data analysis & Machine Learning	<ul style="list-style-type: none">• Exploratory Data Analysis• Scikit-Learn (Unsupervised Learning)• Model Performance Evaluation