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Certificate

No. 3259/BDG/P-SNBR/CODE/2020

This is to certify that

M Fajrul Haqqi

has completed

Python - Data Science

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

Bandung, July 2020
Sanbercode CEO

sanbercode

Khairun Rizki

Skill Report

Name : **M Fajrul Haqqi**

Course : Python - Data Science

Technical Skills

Topic	Sub Topic
Basic Python	- Python List, Dictionary, Method, Function - Logic Control Flow and Loop - Getting Help
Pandas	- Access / Indexing Data - Data Transformation - Reshaping Data - Grouping Data - Merging Data
Visualization	- Matplotlib - Custom Visualization - Multiple Plots - Quantitative Comparisons
Machine Learning	- Scikit-Learn (Supervised Learning) - Preprocessing Data - Model Selection - Model Performance Evaluation

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Certificate

This is to certify that

M Fajrul Haqqi

has completed

Advance Python - Data Science

on July 20th - August 14th, 2020 provided by Sanbercode.

Bandung, August 2020
Sanbercode CEO

sanbercode

Khairun Rizki

Skill Report

Name　　　**:**　　**M Fajrul Haqqi**

Course　　**:**　　Advance Python - Data Science

Technical Skills

Topic	Sub Topic
WebScraping with Python	- Basic HTML - Beautifulsoup - Scraping Table - Scraping Text
Data Mining with Scikit Learn	- Processing with K-NN - Processing with SVM - Clustering with K-Means
NLP	- Text Pre-Processing - Sentiment Analysis
Database	- Basic SQL - SQLite - Excel (Spreadsheet)
API	- Basic API - Basic JSON - Basic Postman - Get Twitter Tweet via API