

This is to certify that

Ansyarullah

Has successfully completed course

Intermediate Python

Conducted through AI Mentorship program by Indonesia AI
(PT. Teknologi Artifisial Indonesia)

Jakarta, 22 September 2021



Muhammad Angga Muttaqien

Chief Executive Officer
Indonesia AI



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Program Manager
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**CERTIFICATE OF
ACHIEVEMENT**



**AI MENTORSHIP
BATCH 8**

CERTIFICATE NO. AIM08082021453

Course Syllabus

Course : Intermediate Python

Duration : 16 hours (8x Online Meet)

Numpy	<ol style="list-style-type: none">1. Basic Concept2. Numpy Array3. Adding, Removing, and Sorting4. Indexing and Slicing5. Stacking and Splitting6. Arithmetic Operation7. Broadcasting8. Saving, Loading
Pandas	<ol style="list-style-type: none">1. Basic Concept2. Pandas Series3. Pandas DataFrames4. Read Data5. DataFrame Operations I6. DataFrame Operations II

Matplotlib	<ol style="list-style-type: none">1. Basic Concept2. Line, Bar, Pie Graph3. Scatter Plot4. Multiple Plot
Advanced Topics	<ol style="list-style-type: none">1. Python Iterator2. Python Generator3. Python Closure4. Python Decorators
Final Project	AirBnB Data Analysis

Final Project: AirBnB Data Analysis

AirBnB is a company that provides rental services for houses or apartments in various parts of the world. In this final project, participants were provided with AirBnB data related to listing activity and various metrics in New York City in 2019 and tried to perform analysis and processing techniques to gain insight from the data.