



Bidang Teknologi,
Industri dan
Lingkungan Hidup



PKSdigital
school

Certificate

No. 3917/PKS/DigiS/IV/2022

Asraf Muhammad Izzuddin

has mastered

Data Science

on February 14th - April 16th, 2022 provided by PKS Digital School.

Bandung, April 2022

PKSDigiSchool CEO

Mardani Ali Sera



Skill Report

Name : Asraf Muhammad Izzuddin

Course : Data Science

Technical Skills

Topic	Sub Topic
Basic Python	• Variable & Data Type • List, Tuple, Set, & Dictionary • Iteration & Conditional • Class & Method
Data Scientist Library & Package	• Basic Array Process with Numpy • Basic Data Process with Pandas • Basic Data Visualization with Matplotlib & Seaborn
Basic SQL	• SQL Query Manipulation Language • SQL Query Data Language • MySQL & Python
Basic Machine Learning	• Data Science Workflow • Unsupervised Learning • Supervised Learning - Regression • Supervised Learning - Classification
Natural Language Processing Analysis	• Data Collection - Webscraping • Data Collection - Twitter API • EDA Text Based Data • Introduction to Topic Modeling • Introduction to Sentiment Analysis • Introduction to Text Graph Analysis

