



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



PKS digital
school

Mardani Ali Sera



Skill Report

Name : Asraf Muhammad Izzuddin

Course : Data Science

Technical Skills

Topic	Sub Topic
Basic Python	<ul style="list-style-type: none">• Variable & Data Type• List, Tuple, Set, & Dictionary• Iteration & Conditional• Class & Method
Data Scientist Library & Package	<ul style="list-style-type: none">• Basic Array Process with Numpy• Basic Data Process with Pandas• Basic Data Visualization with Matplotlib & Seaborn
Basic SQL	<ul style="list-style-type: none">• SQL Query Manipulation Language• SQL Query Data Language• MySQL & Python
Basic Machine Learning	<ul style="list-style-type: none">• Data Science Workflow• Unsupervised Learning• Supervised Learning - Regression• Supervised Learning - Classification
Natural Language Processing Analysis	<ul style="list-style-type: none">• Data Collection - Webscraping• Data Collection - Twitter API• EDA Text Based Data• Introduction to Topic Modeling• Introduction to Sentiment Analysis• Introduction to Text Graph Analysis

