



Bidang Teknologi,  
Industri dan  
Lingkungan Hidup



**PKS**digital  
**school**

# Certificate

No. 4368/PKS/DigiS/IV/2022

**Carissa Farry Hilmi Az Zahra**

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 : Carissa Farry Hilmi Az Zahra

Course : Data Science

## Technical Skills

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

