

# CERTIFICATE OF COMPLETION

We hereby certify that:

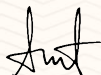
**Pilar Kukuh Bintang Rachmadi**

7529415 - Universitas Pakuan - Ilmu Komputer

has successfully completed the online, micro-credential program  
**Startup Campus Batch 6: Data Science & Artificial Intelligence** held on  
16th February - 30th June 2024.

Startup campus is one of the best program under Studi Independen Kampus Merdeka  
by the Ministry of Education to prepare workforce ready talents.

KM6-DSAI7C19



**Ainun Najib**

Subject Matter Expert  
Data Science



**Maryati**

Chief Executive Officer  
Startup Campus

# STUDENT LEARNING ACHIEVEMENT

**Name** : Pilar Kukuh Bintang Rachmadi  
**Mentor** : Davin Darmalaksana Bhagaspati  
**Student ID** : 065121128

**University** : Universitas Pakuan  
**Major** : Ilmu Komputer  
**Semester** : 6

No	Subject/Course	Learning Outcome	Hours	Score (0-100)	Score Description
1	Foundation for Data Science	Student will be able to comprehend basic knowledge in data science, SQL, Python, and statistical thinking for business applications	135	93,00	Student are proficient to understand data science in general and practical in the industry. Student can also explain Python and SQL functions and statistical processes very well.
2	Data Preprocessing	Student will gain the skills to navigate the entire data modeling process	135	70,00	Student are skilled to perform data preparation properly, use feature engineering, and use EDA before data modeling.
3	Machine Learning	Student will be able to transform data into powerful insights using machine learning techniques	180	70,00	Student are skilled to command of machine learning and can use it in solving data science problems.
4	Data Visualization	Student will be able to create impactful visualizations and communicate insights from models and data exploration.	90	97,00	Student are proficient to create interactive dashboards using BI Tools and proficient to present the results.
5	Introduction to Artificial Intelligence	Student will have gain a foundational understanding of Artificial Intelligence	90	92,00	Student are proficient to understand key Artificial Intelligence concepts and applications in various industries.
6	Final Project	Student will be able to comprehend and apply end-to-end data science & artificial intelligence process in various fields	270	90,00	Student are proficient to make data science and artificial intelligence's interactive dashboard or other deployment.

# STARTUP CAMPUS FINAL TRANSCRIPT

**Name** : Pilar Kukuh Bintang Rachmadi  
**Mentor** : Davin Darmalaksana Bhagaspati  
**Student ID** : 065121128

**University** : Universitas Pakuan  
**Major** : Ilmu Komputer  
**Semester** : 6

No	Subject/Course	Hours	Suggested SKS	Score (0-100)	Score (A-E)
1	Foundation for Data Science	135	3	93,00	A
2	Data Preprocessing	135	3	70,00	B
3	Machine Learning	180	4	70,00	B
4	Data Visualization	90	2	97,00	A
5	Introduction to Artificial Intelligence	90	2	92,00	A
6	Final Project	270	6	90,00	A
Total		900	20	85	A

Score Conversion: A: 99 – 80 | B: 79,99 – 70 | C: 69,99 – 60 | D: 59,99 – 50 | E: <49,99