bangkit

MSIB

Kampus Merdeka

BA24/DIST/XXIV-01/M459B4KY1689

Certificate of Completion

Distinction Graduate

is proudly presented to

Haldies Gerhardien Pasya

9399393/20210040120 - Universitas Nusa Putra

for successfully completing **Bangkit, specializing in Machine Learning**, with **Distinction.**
Bangkit is a Google-led academy designed to produce high-caliber technical talent
for world-class Indonesian technology companies and startups.

Program Period : September 6, 2024 - December 31, 2024

January 10, 2025

Dora S.

Dora Songco

Product Marketing Manager
Google Indonesia

Google goto traveloka

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI

bangkit

MSIB magang dan studi independen bersertifikat

Kampus Merdeka INDONESIA JAYA

STUDENT LEARNING ACHIEVEMENT

Bangkit ID : M459B4KY1689
Name : Haldies Gerhardien Pasya
University : Universitas Nusa Putra

Bangkit Completion : Full Graduate
Learning Path : Machine Learning
Capstone Status : Finished

No	Courses/Specialization/Activities	Learning Outcomes	Hours	Score (0-100)	Score Description
1	Google IT Automation with Python	By the end of the course, the student will be able to comprehend how to build Python programs and automate general tasks by writing Python scripts.	74	98.5	The student comprehends the knowledge of building Python programs and how to automate general tasks by writing Python scripts.
2	TensorFlow: Advanced Techniques Specialization	By the end of the course, the student will be able to apply advanced deep-learning techniques using TensorFlow.	74	98.5	Students can effectively apply various advanced techniques in deep learning using TensorFlow.
3	Data Analysis with Python	By the end of the course, the students will be able to grasp the key concepts in data analysis and extract insights from data through the analysis process to address business problems effectively.	30	92	Students are well equipped to grasp the key concepts in data analysis and extract insights from data through the analysis process to address business problems effectively.
4	Mathematics for Machine Learning and Data Science	By the end of the course, the student will have a deep understanding of the math that makes machine learning algorithms work.	34	98.5	The student exhibits a profound grasp of the mathematical concepts that underlie machine learning algorithms.
5	Build Basic Generative Adversarial Networks	At the end of the course, students will have a comprehensive knowledge base regarding GAN and be able to build a GAN model.	29	98.5	Students can have a comprehensive knowledge base of GAN and build a GAN model
6	Tensorflow Data and Deployment	By the end of the course, the student will be able to deploy Machine Learning models on the web.	39	98.5	The student is adept at deploying Machine Learning models on the web.
7	Machine Learning Specialization	By the end of the course, the student will be able to comprehend the fundamental concepts of Machine Learning (Build ML models with NumPy & scikit-learn, supervised models, unsupervised, and use decision trees) and also understand the application of machine learning to solve real-world problems.	94	98.5	The student masters the fundamental concepts (Build ML models with NumPy & scikit-learn, supervised models, unsupervised, and use decision trees) and also understands the application of machine learning to solve real-world problems.
8	Deeplearning.ai TensorFlow Developer Professional Certificate	By the end of the course, the student will be able to apply TensorFlow skills (NLP, Neural Network) to various problems and projects.	79	98.5	The student can apply TensorFlow skills (NLP, Neural Network) to various problems and projects.
9	Structuring Machine Learning Projects	By the end of the course, the student will be able to execute the end-to-end workflow from the Machine Learning project.	6	98.5	The student is skilled in executing the end-to-end workflow from the Machine Learning project.
10	Introduction to Generative AI	By the end of the course, the student will be able to grasp key concepts in generative AI.	4	98.5	Students can grasp key concepts in generative AI effectively.
11	Capstone / Final Project	By the end of the course, the student will be able to begin stages of a final project, namely developing an application/solution that validates their product development skills and boosts the portfolio.	212	95.2	The student is competent to begin stages of a final project, namely developing an application/solution that validates their product development skills and boosts the portfolio.
12	Soft skill & Career Development	By the end of the course, the student will be able to comprehend Life Path, Growth Mindset, The Power of Feedback, Time Management, Critical Thinking, Problem Solving, Adaptability, Resilience, Project Management, Professional Branding and Interview Communication.	230	93.5	The student thoroughly comprehends Life Path, Growth Mindset, The Power of Feedback, Time Management, Critical Thinking, Problem Solving, Adaptability, Resilience, Project Management, Professional Branding and Interview Communication.

This is Bangkit-system-generated certificate and valid without signature