



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI



BA23/DIST/XXIII-07/M284DSX1749

Certificate of Completion

is proudly presented to



Jeremia Manurung

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.

July 27, 2023

Dora S.

Dora Songco

Product Marketing Manager
Google Indonesia



Generated : 20 July 2023

Bangkit ID : M284DSX1749
 Name : Jeremia Manurung
 University : Universitas Negeri Medan
 NIM : 4201250006
 Supervisor : Said Iskandar Al Idrus, S.Si., M.Si

Transcript Status : Final Transcript
 Bangkit Completion : Full Graduate
 Learning Path : Machine Learning
 Capstone Team : C23-PC636
 Capstone Status : Finished

Courses/Specialization/Activities	Course Codes	Hours	Suggested SKS	Score (0-100)	Score (A-E)
IT Automation with Python	B23MLCR01	50	1	98	A
Data Analytics	B23MLCR06	78	3	95	A
Mathematics for Machine Learning	B23MLCR02	58		97	A
Machine Learning Specialization by Andrew Ng	B23MLCR07	89	2	98	A
TensorFlow Developer Professional Certificate	B23MLCR03	85	2	98	A
Structuring Machine Learning Projects	B23MLCR04	9		91	A
Tensorflow Data and Deployment	B23MLCR05	71	2	98	A
Preparing for Tensorflow Developer Certification	B23TDCP01	25		100	A
Capstone / Final Project	B23CAPP01	200	5	87	A
Soft skill & Career Development	B23SSCE01	236	5	98	A
Total (Hours, SKS) / Average (Score)		901	20	94.71	A

Student's Attendance (Mandatory Meeting) 100%
 Student's Attendance (All Meeting) 93%

1. This is Bangkit-system-generated transcript and valid without signature
2. This Transcript acts as a recommendation. Final Decision on conversion is strictly Academic Counselor / Study Programme Prerogative.

Grade conversion:

A : 85 - 100 | **B** : 75 - 84 | **C** : 60 - 74 | **D** : 50 - 59 | **E** : 0 - 49

Jakarta, July 27th, 2023

To whom it may concern

This letter is to certify that the following student has **Graduated with Distinction** from Bangkit 2023 Batch 1, a Google-led program in collaboration with GoTo and Traveloka in **Machine Learning** learning path.

Name	: Jeremia Manurung
Student ID (Origin University)	: 4201250006
University	: Universitas Negeri Medan
Study Program	: Ilmu Komputer
Supervisor	: Said Iskandar Al Idrus, S.Si., M.Si
Bangkit ID	: M284DSX1749
Program Period	: 16 February 2023 - 21 July 2023

Bangkit is an approved Kampus Merdeka - Study Independent program fully supported by the Ministry of Education, Culture, Research, and Technology - Republic of Indonesia. This industry-led, interdisciplinary, and immersive program is designed to produce high-caliber technical talents for world-class Indonesian technology companies and startups.

In this even semester 5,013 students from 376 universities across Indonesia were selected from more than 67,000 registrants to join Bangkit. They learned to improve their technical skills, soft skills, and English competencies to help them get better employability in their future careers in the technology industry.

Sincerely,



Mutiara Arumsari

Bangkit ID Program Manager