



BootUP

CERTIFICATE
OF APPRECIATION

Budiyanto

Successfully completed and received a passing grade in:

**Certified Python Programming, Data Science, Machine Learning
& Artificial Intelligence in One Week Bootcamp**

Verified Certificate : Issued November 3, 2019
Certification ID : 0001 0311 2019 0005

Jakarta, Indonesia

Marco ten Vaanholt
Founder & President of BootUP

Anshu Pandey
Program Director & Sr. Instructor of BootUP

LIST OF DATA SCIENCE TRAINING SUBJECTS

Name : Budiyanto
Position : Widyaiswara Madya
Institution : Education and Training Center Central Bureau of Statistics

has participated in data science training on 28 October - 3 November 2019 with the following subjects

No	Subject	Date	Duration
1	Introduction to Artificial Intelligence, Machine Learning and Data Science	Oct 28, 19.00-21.00	2 hours
2	Getting Started with Python	Oct 29, 19.00-21.00	2 hours
3	Control Flow in Python	Oct 30, 19.00-21.00	2 hours
4	Python for Data Science	Oct 31, 19.00-21.00	2 hours
5	Data Analytics	Nov 01, 19.00-21.00	2 hours
6	Intensive Full Day and Capstone Project part I	Nov 02, 08.00-21.00	12 hours
7	Intensive Full Day and Capstone Project part II	Nov 03, 08.00-21.00	12 hours
	Total		33 hours

Jakarta, November 3th 2019

Head of BootUP

P.T. Eldorado Bina Natura

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PT. Eldorado Bina Natura

(*LUDYANA YACMAR*)