



# Certificate Catalog

of Moh. Yusuf Firmansyah

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# CERTIFICATE OF ACHIEVEMENT

*This is to certify that*

**MOH. YUSUF FIRMANSYAH**

*achieved the following scores on the*

## **TOEFL ITP® Test**

Listening Comprehension:	57
Structure & Written Expression:	57
Reading Comprehension:	61
<b>Total:</b>	<b>583</b>

Under the auspices of:  
UNIVERSITAS BRAWIJAYA  
At: Malang, Indonesia  
Date: 02 Oct 2020  
Silver: 08704763

*David G. Payne*

David G. Payne  
Vice President and Chief Operating Officer  
Global Education Division, ETS

## IoT Fundamentals: Big Data & Analytics

For completing the Cisco Networking Academy® Big Data & Analytics course, and demonstrating the ability to perform the following:

- Explain the value of data analytics for an IoT solution.
- Describe and Apply the data analysis process to solve a problem.
- Apply Python scripts to collect, prepare, analyze and visualize or export data.
- Apply basic machine learning algorithms.
- Apply data visualization and storytelling techniques to communicate results of analysis.
- Describe approaches to data management including SQL and No-SQL solutions.
- Explain the fundamental concepts behind the main Big Data platforms.

**Mohammad Yusuf Firmansyah**

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Student

**Fakultas Ilmu Komputer Universitas Brawijaya**

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Academy Name

**Indonesia**

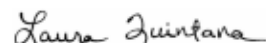
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Location

**9 Sep 2021**

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Date



Laura Quintana  
VP & General Manager, Cisco Networking Academy

# PCAP: Programming Essentials in Python

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student has studied the following skills:

- the universal concepts of computer programming (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
- developer tools, developer tools and the runtime environment;
- the syntax and semantics of the Python language;
- the fundamentals of object-oriented programming and the way they are adopted in Python;
- the means by which to resolve typical implementation problems;
- the writing of Python programs using standard language infrastructure;
- fundamental programming techniques, best practices, customs and vocabulary, including the most common library functions in Python 3.

This Statement of Achievement acknowledges that during the course PCAP: Programming Essentials in Python, the student has been able to accomplish coding tasks related to the basics of programming, and understands the programming techniques, customs and vocabulary used in the Python language.

By completing the course, the student is now ready to attempt the qualification PCAP – Certified Associate in Python Programming certification, from the OpenEDG Python Institute.

**Mohammad Yusuf Firmansyah**

Student

**Fakultas Ilmu Komputer Universitas Brawijaya**


Academy Name

**Indonesia**

Location

**6 Sep 2021**

Date



Laura Quintana  
VP & General Manager, Cisco Networking Academy



# SERTIFIKAT PELATIHAN

01123956151-44/DTS/BLSDM.KOMINFO/10/2021

Badan Penelitian dan Pengembangan Sumber Daya Manusia  
Kementerian Komunikasi dan Informatika Republik Indonesia,  
menyatakan bahwa :

**Moh Yusuf Firmansyah**

Telah Mengikuti Pelatihan **CISCO – Big Data using Python**  
Program Fresh Graduate Academy Digital Talent Scholarship  
Sebagai Peserta mulai tanggal 19 Juli 2021 – 09 September 2021  
yang meliputi 160 Jam Pelatihan

Jakarta, 01 Oktober 2021  
Kepala Badan Penelitian dan Pengembangan Sumber Daya Manusia Kementerian  
Komunikasi dan Informatika



Dr. Hary Budiarto, M.Kom.





10P8L56L2ZQK

Diberikan kepada

**Moh. Yusuf Firmansyah**

Atas kelulusannya pada kelas

**Belajar Dasar Visualisasi Data**

25 Juli 2021

**Narenda Wicaksono**  
Chief Executive Officer  
Dicoding Indonesia

**SERTIFIKAT  
KOMPETENSI  
KELULUSAN**



**Verifikasi Sertifikat**

[dicoding.com/certificates/10P8L56L2ZQK](https://dicoding.com/certificates/10P8L56L2ZQK)

Berlaku hingga 25 Juli 2024

# CERTIFICATE OF ACHIEVEMENT

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TRUST TRAINING PARTNERS

This Certificate accredits that

**MOH. YUSUF FIRMANSYAH**

on **February 18, 2021**

has successfully achieved all the requirements of the following professional competency training and assessment titled:

**MICROSOFT OFFICE DESKTOP APPLICATION**

as developed in accordance to the highest standard as prescribed by **TRUST TRAINING PARTNERS**.

Microsoft®



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Silver Learning  
Silver Volume Licensing

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*In Partnership with*



*Melvin Oet*

MELVIN OET. BCOM MBA MCT  
CHIEF INNOVATION OFFICER

Certificate No: 21U/BC02066316

# CERTIFICATE OF COMPLETION

This is to certify that

**Moh. Yusuf Firmansyah**

successfully completed

5 Studies in the

**Python Course**

This course covers the fundamentals of  
Python for software development.

Certificate URL: [progate.com/course\\_certificate/c465912cqpnewi](https://progate.com/course_certificate/c465912cqpnewi)



March 8th 2021

*Masa Kato*

Certification verified by Masa Kato  
Founder & CEO of Progate

 **progate**