Networking Academy — CISCO

PYTHON INSTITUTE
Open Education & Development Group

Statement of Achievement

Estifanose Dejene

has successfully achieved student level credential for completing the Python Essentials 1 course, provided by Cisco Networking Academy in collaboration with OpenEDG Python Institute.

The graduate is able to proficiently:

- Design, develop, debug, execute, and refactor simple computer programs written in Python 3.
- Think algorithmically to analyze problems and implement them as computer processes.
- Use the syntax, semantics, and the most important elements of the Python Standard Library to write Python scripts and resolve typical implementation challenges.
- Understand the role of a programmer in the software development process.
- Attempt the qualification PCEP – Certified Entry-Level Python Programmer from OpenEDG Python Institute and continue their professional development at an intermediate level with Python Essentials 2.

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Verified
Python Essentials 1

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

December 05, 2023

Networking Academy — CISCO

PYTHON INSTITUTE
Open Education & Development Group

Statement of Achievement

Estifanose Dejene

has successfully achieved student level credential for completing the Python Essentials 2 course, provided by Cisco Networking Academy in collaboration with OpenEDG Python Institute.

The graduate is able to proficiently:

- Design, develop, debug, execute, and refactor multi-module computer programs written in Python 3.
- Analyze and model real-life problems in OOP categories.
- Use the potential of Python in everyday applications, including IoT and DIY activities.
- Understand the role of a programmer in the software development process.
- Attempt the qualification PCAP – Certified Associate in Python Programming from OpenEDG Python Institute and continue their professional development at an advanced level.

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Python Essentials 2

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Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

January 11, 2024

Networking Academy
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Certificate of Course Completion

Estifanose Dejene

has successfully achieved student level credential for completing the **Introduction to Data Science** course.

The student was able to proficiently:

- Explain the promises and challenges of data analytics.
- Explain the role of data in AI and Machine Learning.
- Explore different options to obtain a career in Data Analytics.

Networking Academy
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Verified
Introduction to Data Science

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Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

September 09, 2023
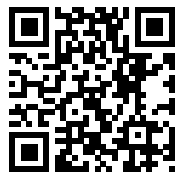
CISCO Networking Academy

Certificate of Course Completion

Estifanose Dejene

has successfully achieved student level credential for completing the **Data Analytics Essentials** course.

The student was able to proficiently:

- Explain how the data analytics process creates value from data.
- Explain the characteristics of data, including formats, availability and methods to acquire.
- Transform data using analytics tools.
- Analyze data using basic statistical and data preparation techniques.
- Complete hands-on lab using Excel, SQL, Tableau and other tools.
- Evaluate and share project portfolio.

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Verified
Data Analytics Essentials

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

October 26, 2023