



Dec 20, 2023

Gerson Justiniano

completó con éxito

Linear Regression with NumPy and Python

un proyecto en línea sin crédito académico autorizado por Coursera Project Network y ofrecido a través de Coursera

Snehan Kekre
Instructor
Machine Learning and Data Science

PROJECT CERTIFICATE



Verify at:
<https://coursera.org/verify/23H5NRHMWT52>

Coursera confirmó la identidad de esta persona y su participación en el proyecto.



Dec 22, 2023

Gerson Justiniano

has successfully completed

Tesla Stock Price Prediction using Facebook Prophet

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Abhishek Jha

Abhishek Jha
Data Science & Business
Subject Matter Expert

PROJECT CERTIFICATE



Verify at:
<https://coursera.org/verify/2HUP4WVG9KW>

Coursera has confirmed the identity of this individual and their participation in the project.



Jan 10, 2024

Gerson Justiniano

has successfully completed

Introduction to Structured Query Language (SQL)

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/2YJ2YPQ5XR56>

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 3, 2024

Gerson Justiniano

has successfully completed

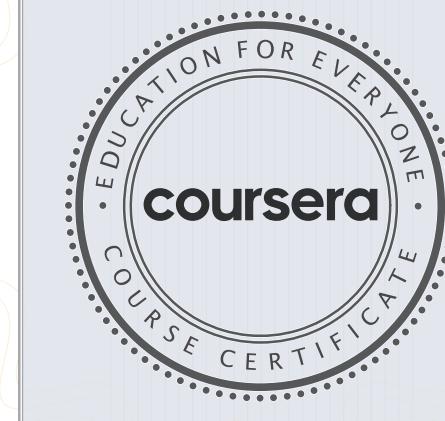
Using Databases with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/4G5JKWAQ6DB>

Coursera has confirmed the identity of this individual and their participation in the course.



MACQUARIE
University
SYDNEY · AUSTRALIA

Jul 24, 2024

Gerson Justiniano

has successfully completed

Excel Power Tools for Data Analysis

an online non-credit course authorized by Macquarie University and offered through Coursera

A handwritten signature in black ink.

Nicky Bull
Excel Consultant
Macquarie Business School

A handwritten signature in black ink.

Dr Prashan S. M. Karunaratne, SFHEA
Senior Lecturer - Teaching & Leadership
Department of Actuarial Studies and Business Analytics,
Macquarie Business School

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/4LJ8RVYGQV4U>

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 16, 2024

Gerson Justiniano

has successfully completed

Introducción al deep learning contemporáneo

an online non-credit course authorized by Universidad de los Andes and offered through Coursera

Luis Felipe Giraldo Trujillo Pablo Andres Arbelaez

Luis Felipe Giraldo Trujillo
Profesor Asistente
Facultad de ingeniería

Pablo Andres Arbelaez Escalante
Profesor Asociado

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/5EGLGYVMSQ5C>

Coursera has confirmed the identity of this individual and their participation in the course.



Jul 27, 2024

Gerson Justiniano

has successfully completed

Data Visualization and Communication with
Tableau

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, appearing to read "Daniel Egger".

Daniel Egger
Executive in Residence and Director,
Center for Quantitative Modeling
Pratt School of Engineering

A handwritten signature in black ink, appearing to read "Dr. Jana Schaich Borg".

Jana Schaich Borg
Assistant Research Professor
Social Science Research Institute

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/6Z2XWZYG545Z>

Coursera has confirmed the identity of this individual and their
participation in the course.



University of Colorado Boulder

Jan 4, 2024

Gerson Justiniano

has successfully completed

Introduction to Python Functions

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

A handwritten signature in black ink that reads "Di Wu".

Di Wu
Instructor
Data Science

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/72X5XUTJJ2PE>

Coursera has confirmed the identity of this individual and their participation in the course.



Dec 28, 2023

Gerson Justiniano

has successfully completed

Python Functions, Files, and Dictionaries

an online non-credit course authorized by University of Michigan and offered through Coursera

*Paul Resnick
Stephen Oney
Gerson Justiniano*

Paul Resnick
Stephen Oney
Jaclyn Cohen

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/7QCYTKCN23TS>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 1, 2024

Gerson Justiniano

has successfully completed

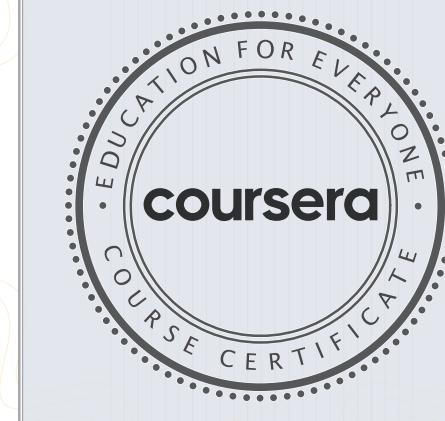
Python Project: pillow, tesseract, and opencv

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that appears to read "Christopher Brooks".

Christopher Brooks
Research Assistant Professor
School of Information

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/8538S24RDN7G>

Coursera has confirmed the identity of this individual and their participation in the course.



Dec 20, 2023

Gerson Justiniano

completó con éxito

Crea tu artículo científico con latex

un proyecto en línea sin crédito académico autorizado por Coursera Project Network y ofrecido a través de Coursera

Maria Ignacia España Villena

María Ignacia España
Ingeniero eléctrico - Robótica

PROJECT CERTIFICATE



Verify at:
<https://coursera.org/verify/9556MP7ARQX4>
Coursera confirmó la identidad de esta persona y su participación en el proyecto.



Nov 27, 2023

Gerson Justiniano

completó con éxito

Programming for Everybody (Getting Started with Python)

un curso en línea sin crédito autorizado por University of Michigan y ofrecido a través de Coursera

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/98LCBAQD7TVF>
Coursera confirmó la identidad de esta persona y su participación en el curso.



Nov 28, 2023

Gerson Justiniano

has successfully completed

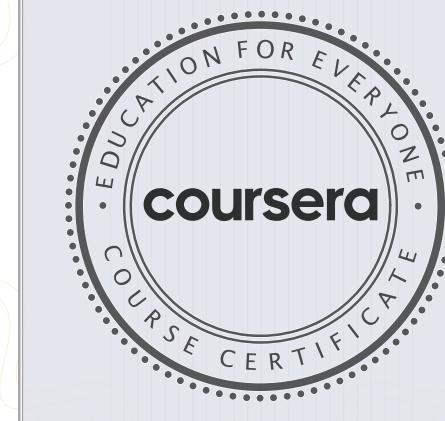
Python Data Structures

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/BB64WG66K9YM>

Coursera has confirmed the identity of this individual and their participation in the course.



Dec 31, 2023

Gerson Justiniano

has successfully completed

Python Classes and Inheritance

an online non-credit course authorized by University of Michigan and offered through Coursera

Stephen Oney and Paul Resnick

Steve Oney
Assistant Professor
School of Information

Paul Resnick
Michael D. Cohen Collegiate Professor
School of Information

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/CWV6G4TGJ9BZ>

Coursera has confirmed the identity of this individual and their participation in the course.



Jul 18, 2024

Gerson Justiniano

has successfully completed

Contabilidad como Herramienta Gerencial

an online non-credit course authorized by Universidad de Palermo and offered through Coursera

A handwritten signature in black ink, appearing to read 'Gerson Justiniano', is placed over a dotted line.

Gabriel Foglia
Decano de la Facultad de Negocios
Universidad de Palermo

COURSE CERTIFICATE



Verify at:
coursera.org/verify/CY6WLV6AYA6

Coursera has confirmed the identity of this individual and their participation in the course.

El presente certificado no acredita título ni grado universitario.



Dec 28, 2023

Gerson Justiniano

has successfully completed

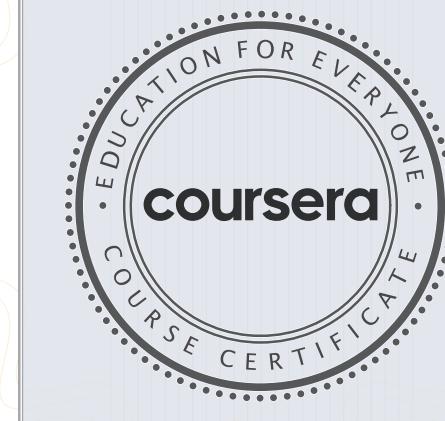
Data Collection and Processing with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

Paul Resnick

Paul Resnick
Michael D. Cohen Collegiate Professor
School of Information

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/E95G2LZKHXHJ>

Coursera has confirmed the identity of this individual and their participation in the course.



Dec 15, 2023

Gerson Justiniano

completó con éxito

Bases y primeros pasos en latex

un proyecto en línea sin crédito académico autorizado por Coursera Project Network y ofrecido a través de Coursera

Maria Ignacia España Villena

María Ignacia España
Ingeniero eléctrico - Robótica

PROJECT CERTIFICATE



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<https://coursera.org/verify/EGKG6J5RTTP5>
Coursera confirmó la identidad de esta persona y su participación en el proyecto.



Jul 29, 2024

Gerson Justiniano

has successfully completed

Fitting Statistical Models to Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

*Brenda Gunderson
Kerby Shedden
Brady West*

Brenda Gunderson, Ph.D., Lecturer IV

Kerby Shedden, Ph.D., Professor

Brady T. West, Ph.D., Research Associate Professor

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/HC66ZNDXPXGD>

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 19, 2024

Gerson Justiniano

has successfully completed

Programming Foundations with JavaScript, HTML
and CSS

an online non-credit course authorized by Duke University and offered through Coursera

Susan H. Rodger *Robert Duvall* *Owen Astrachan* *Andrew D. Hilton*

Susan H. Rodger, Professor of the Practice, Computer Science

Robert Duvall, Lecturer, Computer Science

Owen Astrachan, Professor of the Practice, Computer Science

Andrew D. Hilton, Assistant Professor of the Practice, Electrical and Computer Engineering

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/HLCP9VZMKTK>

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 21, 2024

Gerson Justiniano

has successfully completed

Introduction to HTML5

an online non-credit course authorized by University of Michigan and offered through Coursera

Colleen van Lent

Colleen van Lent, Ph.D.
Lecturer
School of Information, University of Michigan

Charles Severance

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/KYUSHFAGKCLH>

Coursera has confirmed the identity of this individual and their participation in the course.



5 Courses

Python Basics

Python Functions, Files, and Dictionaries

Data Collection and Processing with Python

Python Classes and Inheritance

Python Project: pillow, tesseract, and opencv



Jan 1, 2024

Gerson Justiniano

has successfully completed the online, non-credit Specialization

Python 3 Programming

This specialization teaches the fundamentals of programming in Python 3. We will begin at the beginning, with variables, conditionals, and loops, and get to some intermediate material like keyword parameters, list comprehensions, lambda expressions, and class inheritance. You will have lots of opportunities to practice. You will also learn ways to reason about program execution, so that it is no longer mysterious and you are able to debug programs when they don't work. By the end of the specialization, you'll be writing programs that query Internet APIs for data and extract useful information from them. And you'll be able to learn to use new modules and APIs on your own by reading the documentation. That will give you a great launch toward being an independent Python programmer.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Paul Resnick Stephen Oney

Paul Resnick

Michael D. Cohen

Collegiate Professor

School of Information

A handwritten signature of Paul Resnick.

Christopher Brooks

Research Assistant

Professor

School of Information

Verify this certificate at:

<https://coursera.org/verify/specialization/LN8NQHWZBGXP>



Jul 29, 2024

Gerson Justiniano

has successfully completed

Inferential Statistical Analysis with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

*Brenda Gunderson
Kerby Shedden
Brady West*

Brenda Gunderson, Ph.D., Lecturer IV

Kerby Shedden, Ph.D., Professor

Brady T. West, Ph.D., Research Associate Professor

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/MBNTWY7U4ZVX>

Coursera has confirmed the identity of this individual and their participation in the course.



Jul 18, 2024

Gerson Justiniano

has successfully completed

Investment Risk Management

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Bekhrubek Ochilov, MCSI, PAGRC
Investment Banker

PROJECT CERTIFICATE



Verify at:
<https://coursera.org/verify/MVHXURNRLSU>

Coursera has confirmed the identity of this individual and their participation in the project.



MACQUARIE
University
SYDNEY · AUSTRALIA

Jul 23, 2024

Gerson Justiniano

has successfully completed

Data Visualization in Excel

an online non-credit course authorized by Macquarie University and offered through Coursera

A handwritten signature in black ink.

Nicky Bull
Excel Consultant
Macquarie Business School

A handwritten signature in black ink.

Dr Prashan S. M. Karunaratne, SFHEA
Senior Lecturer - Teaching & Leadership
Department of Actuarial Studies and Business Analytics,
Macquarie Business School

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/NC5PY97GGAJ4>

Coursera has confirmed the identity of this individual and their participation in the course.



Jul 22, 2024

Gerson Justiniano

has successfully completed with honors

Financial Markets

an online non-credit course authorized by Yale University and offered through Coursera

Robert J. Shiller

Robert J. Shiller
Sterling Professor of Economics
Yale University

COURSE CERTIFICATE

WITH HONORS



Verify at:
<https://coursera.org/verify/NHK53TANGXP>

Coursera has confirmed the identity of this individual and their participation in the course.



Dec 3, 2023

Gerson Justiniano

has successfully completed

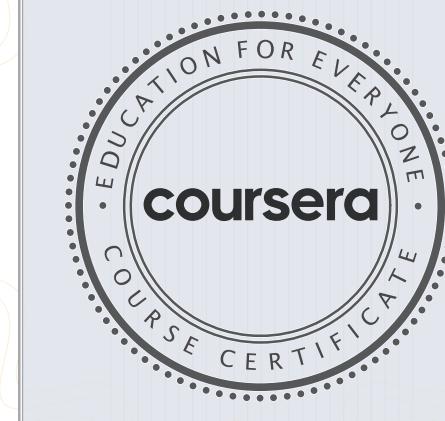
Using Python to Access Web Data

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/NUSDNAUFKVXU>

Coursera has confirmed the identity of this individual and their participation in the course.



Dec 26, 2023

Gerson Justiniano

has successfully completed

Python Basics

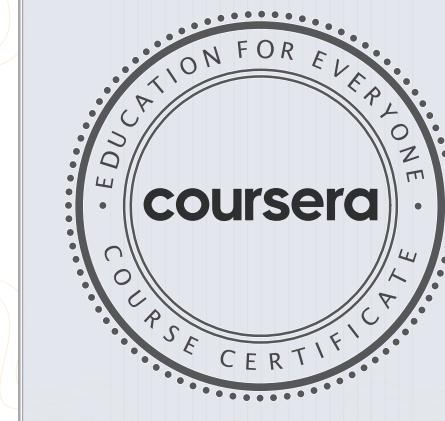
an online non-credit course authorized by University of Michigan and offered through Coursera



Paul Resnick
Stephen Oney
Jaclyn Cohen

Paul Resnick
Stephen Oney
Jaclyn Cohen

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/NXNPW8JTV5HB>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 8, 2024

Gerson Justiniano

has successfully completed

Python and Pandas for Data Engineering

an online non-credit course authorized by Duke University and offered through Coursera

Kennedy Behrman, Senior Data Engineer, Envestnet
Noah Gift, Executive in Residence, Duke Master in Interdisciplinary Data Science (MIDS)
Alfredo Deza, Senior Content Engineer, Microsoft

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/QUN6F2LTX7Z>

Coursera has confirmed the identity of this individual and their participation in the course.

UC SANTA CRUZ

Jan 4, 2024

Gerson Justiniano

has successfully completed

C for Everyone: Programming Fundamentals

an online non-credit course authorized by University of California, Santa Cruz and offered through Coursera



Professor Ira Pohl, PhD
Baskin School of Engineering
University of California, Santa Cruz

COURSE
CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.



MACQUARIE
University
SYDNEY · AUSTRALIA

Jul 23, 2024

Gerson Justiniano

has successfully completed

Excel Fundamentals for Data Analysis

an online non-credit course authorized by Macquarie University and offered through Coursera

A handwritten signature in black ink.

Nicky Bull
Excel Consultant
Macquarie Business School

A handwritten signature in black ink.

Dr Prashan S. M. Karunaratne, SFHEA
Senior Lecturer - Teaching & Leadership
Department of Actuarial Studies and Business Analytics,
Macquarie Business School

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/R57JA3YFCZCR>

Coursera has confirmed the identity of this individual and their participation in the course.



Dec 20, 2023

Gerson Justiniano

completó con éxito

Crea tu currículum profesional con latex

un proyecto en línea sin crédito académico autorizado por Coursera Project Network y ofrecido a través de Coursera

Maria Ignacia España Villena

María Ignacia España
Ingeniero eléctrico - Robótica

PROJECT CERTIFICATE



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<https://coursera.org/verify/RXAHAGV5R445>
Coursera confirmó la identidad de esta persona y su participación en el proyecto.



Jul 22, 2024

Gerson Justiniano

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink that appears to read "Xuhu Wan".

Xuhu Wan
Associate Professor
Department of Information Systems, Business Statistics and Operations Management

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/TW7SRE7K35A3>

Coursera has confirmed the identity of this individual and their participation in the course.



Jul 25, 2024

Gerson Justiniano

has successfully completed

Understanding and Visualizing Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

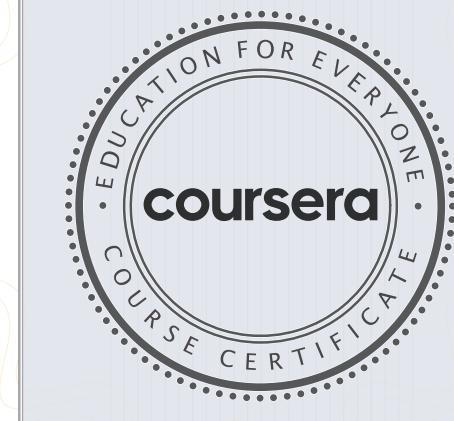
*Brenda Gunderson
Kerby Shedden
Brady West*

Brenda Gunderson, Ph.D., Lecturer IV

Kerby Shedden, Ph.D., Professor

Brady T. West, Ph.D., Research Associate Professor

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/UU9JHP6CQXFS>

Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado Boulder

Jan 4, 2024

Gerson Justiniano

has successfully completed

Python Packages for Data Science

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

A handwritten signature in black ink that reads "Di Wu".

Di Wu
Instructor
Data Science

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/VFLBJC7BLP4N>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 11, 2024

Gerson Justiniano

has successfully completed

Scripting with Python and SQL for Data Engineering

an online non-credit course authorized by Duke University and offered through Coursera

Handwritten signatures of Alfredo Deza, Noah Gift, and Kennedy Behrman.

Alfredo Deza, Senior Content Engineer, Microsoft

Noah Gift, Executive in Residence, Duke Master in Interdisciplinary Data Science (MIDS)

Kennedy Behrman, Senior Data Engineer, Envestnet

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/VWNC5BV4PH4C>

Coursera has confirmed the identity of this individual and their participation in the course.



3 Courses

Excel Fundamentals for Data Analysis

Data Visualization in Excel

Excel Power Tools for Data Analysis



MACQUARIE
University
SYDNEY · AUSTRALIA

Jul 24, 2024

Gerson Justiniano

has successfully completed the online, non-credit Specialization

Excel Skills for Data Analytics and Visualization

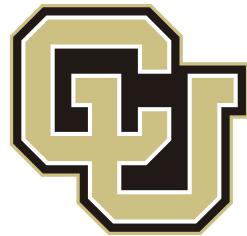
Upon completing this specialization, you will be able to bring data to life using advanced Excel functions, creative visualizations, and powerful automation features. These courses will equip you with a comprehensive set of tools for transforming, linking, and analysing data. You will master a broad range of charts and create stunning interactive dashboards. Finally, you will explore a new dimension in Excel with PowerPivot, Get and Transform, and DAX. Harnessing the power of an underlying database engine, we will remove the 1,048,576 row limitation, completely automate data transformation, create data models to effectively link data, and open the gateway to Power Business Intelligence.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Nicky Bull, BSc Hons in Computer Science, BA in English Literature, Postgraduate Certificate in Education.

Verify this certificate at:

<https://coursera.org/verify/specialization/WMV58LQJ2WYV>



University of Colorado Boulder

Jan 4, 2024

Gerson Justiniano

has successfully completed

Introduction to Python Fundamentals

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

A handwritten signature in black ink that reads "Di Wu".

Di Wu
Instructor
Data Science

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/Y8MY4SYU4ZSS>

Coursera has confirmed the identity of this individual and their participation in the course.



3 Courses

Understanding and Visualizing Data with Python

Inferential Statistical Analysis with Python

Fitting Statistical Models to Data with Python



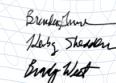
Jul 29, 2024

Gerson Justiniano

has successfully completed the online, non-credit Specialization

Statistics with Python

This specialization is designed to teach learners beginning and intermediate concepts of statistical analysis, and use of the Python programming language to conduct data analyses. Learners will learn where data come from, what types of data can be collected, how to effectively summarize and visualize data, how to utilize data for estimation and assessing theories, proper interpretations of inferential results, and how to apply more advanced statistical modeling procedures.



Brenda Gunderson,
Ph.D., Lecturer IV

Kerby Sheden, Ph.D.,
Professor

Brady T. West, Ph.D.,
Research Associate
Professor

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Verify this certificate at:

<https://coursera.org/verify/specialization/Y8ZWEH8ACWMV>



3 Courses

Introduction to Python Fundamentals

Introduction to Python Functions

Python Packages for Data Science



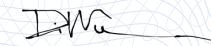
Jan 4, 2024

Gerson Justiniano

has successfully completed the online, non-credit Specialization

Expressway to Data Science: Python Programming

In this specialization, learners gained fundamental knowledge of Python programming, including variables, operations, flow control, functions, and function creation. Learners experienced and practiced widely used Python packages for Data Science, such as NumPy, Pandas, Matplotlib, and Seaborn. Expressway to Data Science: Python Programming is an excellent resource for learners preparing to complete CU Boulder's Master of Science in Data Science program.



Di Wu
Instructor
Data Science

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
<https://coursera.org/verify/specialization/ZRNKWX252HZH>