



8 Courses

Foundations: Data, Data, Everywhere

Ask Questions to Make Data-Driven Decisions

Prepare Data for Exploration

Process Data from Dirty to Clean

Analyze Data to Answer Questions

Share Data Through the Art of Visualization

Data Analysis with R Programming

Google Data Analytics Capstone: Complete a Case Study



Nov 16, 2021

Mireya Alexis Lyons

has successfully completed the online, non-credit Professional Certificate

Google Data Analytics

Those who earn the Google Data Analytics Professional Certificate have completed eight courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for introductory-level roles in Data Analytics. They are competent in tools and platforms including spreadsheets, SQL, Tableau, and R. They know how to prepare, process, analyze, and share data for thoughtful action.

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/professional-cert/FM6BJKHTW3D5>



5 Courses

**Programming for Everybody
(Getting Started with
Python)**

Python Data Structures

**Using Python to Access Web
Data**

**Using Databases with
Python**

**Capstone: Retrieving,
Processing, and Visualizing
Data with Python**



Aug 13, 2022

Mireya Alexis Lyons

has successfully completed the online, non-credit Specialization

Python for Everybody

This Specialization builds on the success of the Python for Everybody course and will introduce fundamental programming concepts including data structures, networked application program interfaces, and databases, using the Python programming language. In the Capstone Project, you'll use the technologies learned throughout the Specialization to design and create your own applications for data retrieval, processing, and visualization.

Charles Severance
Clinical Associate
Professor, School of
Information
University of Michigan

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Verify this certificate at:

<https://coursera.org/verify/specialization/ZBEZP5JBCRHS>



3 Courses

Foundations for Big Data
Analysis with SQL

Analyzing Big Data with SQL

Managing Big Data in
Clusters and Cloud Storage

CLOUDERA

Sep 2, 2022

Mireya Alexis Lyons

has successfully completed the online, non-credit Specialization

Modern Big Data Analysis with SQL

In this Specialization, learners acquired essential knowledge and skills for data analysis with SQL using open source distributed big data systems. Through a sequence of three courses, learners gained knowledge of the fundamental concepts behind relational databases, SQL, and big data; learned how to write and run SQL queries using query engines including Apache Hive and Apache Impala; and learned how to manage large-scale data in clusters and cloud storage using the Hadoop Distributed File System (HDFS) and Amazon Simple Storage Service (S3).

Glynn Durham
Senior Instructor
Cloudera

Ian Cook
Staff Curriculum
Developer
Cloudera

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Verify this certificate at:

<https://coursera.org/verify/specialization/JGPYW8VFLCTP>

UC DAVIS

Aug 22, 2022

Mireya Alexis Lyons

has successfully completed

SQL for Data Science

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



Sadie St. Lawrence
Founder of Women in Data (WID)
Instructor, Continuing and Professional Education

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/2FZHDU6N2TTE>

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