

Melitza Sepulveda

m.sepulveda.f413@gmail.com

ID#: 909d6c3f-899b-4fd1-9816-d92e8ef66557

www.credly.com/users/melitza-sepulveda.d8b0caf6

Birth Date: 27 April 1991



Data Science Professional Certificate (V2)

Issued by: Coursera

Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

The badge earner is ready for a career in data science with demonstrated ability to solve for real-world problems. They can apply Data Science methodology - work with Jupyter notebooks - create Python apps - access relational databases using SQL & Python - use Python libraries to generate data visualizations - perform data analysis using Pandas - construct & evaluate Machine Learning (ML) models using Scikit-learn & SciPy and apply data science & ML techniques to real data sets.



Course Number: IBM-0017 (v.1)

Total Credits: 12

Grade: Pass

Credit Recommendation

- 3 semester hours in introduction to data science in the lower-division undergraduate category
- 3 semester hours in introduction to SQL programming in the lower-division undergraduate category
- 3 semester hours in introduction to Python programming in the lower-division undergraduate category
- 3 semester hours in advanced topics in data science in the upper-division undergraduate category



Google Data Analytics Certificate

Issued by: [Coursera](#)

Issued to: Melitza Sepulveda

Issued on: 15 December 2022

Description

Those who earn the Google Data Analytics 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.



Course Number: GOOG-0004 (v.1)

Total Credits: 12

Grade: Pass

Credit Recommendation

- 3 semester hours in introduction to databases in the lower-division undergraduate category
- 3 semester hours in introduction to SQL programming in the lower-division undergraduate category
- 3 semester hours in introduction to systems analysis in the lower-division undergraduate category
- 3 semester hours in introduction to R programming in the lower-division undergraduate category



Python Project for Data Science

Issued by: [Coursera](#)

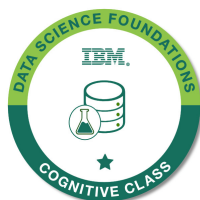
Authorized by: [IBM](#)

Issued to: Melitza Sepulveda Santiago

Issued on: 28 April 2021

Description

This badge earner demonstrates foundational Python skills for working with data. This includes: understanding the role of a Data Scientist / Data Analyst; applying Python fundamentals, working with Python data structures, and working with data in Python; and how to build a dashboard using Python and popular Python libraries using Jupyter notebook.



Data Science Foundations - Level 1

Issued by: IBM

Issued to: Melitza Sepulveda

Issued on: 2 February 2022

Description

This badge earner has an understanding of the possibilities and opportunities that data science, analytics and big data bring to new applications in any industry.



Data Science for Business - Level 1

Issued by: IBM

Issued to: Melitza Sepulveda

Issued on: 4 February 2022

Description

This badge earner understands the relationship between collection and dissemination of data in technology. The individual also understands the public expectation of privacy and the legal and political issues surrounding them.



Machine Learning with Python

Issued by: Coursera

Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

The badge earner has demonstrated a good understanding and application of machine learning (ML) including when to use different ML techniques such as regression, classification, clustering and recommender systems. The individual has acquired the skills to use different machine learning libraries in Python, mainly Scikit-learn and Scipy, to generate and apply different types of ML algorithms such as decision trees, logistic regression, k-means, KNN, DBSCAN, SVM and hierarchical clustering.



Data Science Professional Certificate

Issued by: [Coursera](#)

Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

The badge earner is ready for a career in data science with demonstrated ability to solve for real-world problems. They can apply Data Science methodology - work with Jupyter notebooks - create Python apps - access relational databases using SQL & Python - use Python libraries to generate data visualizations - perform data analysis using Pandas - construct & evaluate Machine Learning (ML) models using Scikit-learn & SciPy and apply data science & ML techniques to real location data sets.



Applied Data Science Capstone

Issued by: [Coursera](#)

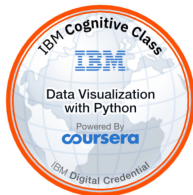
Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

The badge earner has demonstrated proficiency in applying Data Science and some Machine Learning concepts including identifying and clearly defining a problem that can be solved using location data, working with and making calls to APIs, and using location data to solve the problem defined. The individual has also demonstrated proficiency in documenting their work and preparing a full formal data science project report.



Data Visualization with Python

Issued by: [Coursera](#)

Authorized by: IBM

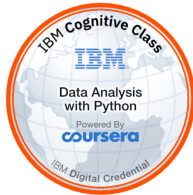
Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

This badge earner has a good understanding of what data visualization is, uses of data visualization, and best practices when creating plots and visuals. The individual has the skills to

use different Python Libraries, mainly Matplotlib and Seaborn to generate different types of visualization tools such as line plots, scatter plots, bubble plots, area plots, histograms, and bar charts. The earner is able to use the Folium library to visualize geospatial data and to create choropleth maps.



Data Analysis with Python

Issued by: [Coursera](#)

Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

This badge earner has the core skills in Data Analysis using Python. They can readily clean, visualize and summarize data using Pandas. Using Scikit-learn, the earner can develop Data Pipelines, construct Machine learning models for Regression and evaluate these models.



Databases and SQL for Data Science

Issued by: [Coursera](#)

Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

This badge earner understands relational database concepts, can construct and execute SQL queries, and has demonstrated hands-on experience accessing data from databases using Python-based Data Science tools like Jupyter notebooks.



Python for Data Science and AI

Issued by: [Coursera](#)

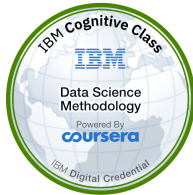
Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

This badge earner has the core skills in Python such as critical data structures, programming fundamentals and experience with core libraries for data science. They can apply this knowledge to work with data and develop applications for data science. The individual also has sufficient Python knowledge to work with Python libraries.



Data Science Methodology

Issued by: [Coursera](#)

Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

This badge earner has demonstrated a thorough understanding of the different stages that constitute the data science methodology, which is instrumental to solving any data science problem.



Tools for Data Science

Issued by: [Coursera](#)

Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

This badge earner has demonstrated their skill and understanding of how popular data science tools such as the Jupyter Notebook, RStudio, Zeppelin and Watson Studio are used, as well as the advantages and disadvantages of each tool.



Data Science Orientation

Issued by: [Coursera](#)

Authorized by: IBM

Issued to: Melitza Sepúlveda

Issued on: 11 July 2022

Description

This badge earner has a good understanding of why data science, artificial intelligence (AI) and machine learning are revolutionizing the way people do business and research around the world. They have general knowledge on what data science is today.



IBM Machine Learning Specialist - Associate

Issued by: IBM

Issued to: Melitza Sepulveda

Issued on: 30 July 2022

Description

The successful badge earner understands the requirements, terms and concepts associated with successfully developing and deploying AI solutions in their enterprises. The earner can install and use tools like Python, Jupyter Notebooks, SQL, and Docker, as well as connecting to various open source data sources. Earners are confident separating fact from fiction (buzzwords) in AI and Cloud, and equipped to analyze and discuss these technologies critically.

AMERICAN COUNCIL ON EDUCATION TRANSCRIPT LEGEND

This official transcript contains credentials evaluated by the American Council on Education. The following policies apply only to ACE validated and endorsed credentials within the transcript. The American Council on Education's Learning Evaluations connects workplace learning with colleges and universities by helping adults gain access to academic credit for formal courses and examinations taken outside traditional degree programs. ACE is the national leader in the evaluation process for education and training obtained outside the classroom.

ACE Learning Evaluations reviews are conducted by experienced college and university faculty who assess the content, scope, and rigor of an organization's educational program and make appropriate recommendations for comparable college credit and competencies achieved by students. For more information on processes and standards for ACE reviews, visit <https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/Colleges-Universities.aspx>.

DEFINITIONS

American Council on Education Endorsement: Credentials that carry an ACE endorsement of recommended college credits or validated competencies are designated by the ACE logo in the left margin.

Name: Legal name as entered by the student at the time of transcript request. Because students may complete courses from multiple organizations, each credential also includes the name under which the credential was issued for tracking and verification if necessary.

Credly ID#: Due to a system of record change in 2019, student ID numbers may not match numbers on older ACE transcripts.

Issued on: The date when the student completed the associated credential.

Courses: ACE-endorsed credentials include a unique identifier that ACE assigns to courses and examinations. The letter prefix designates the organization providing the experience. Duplicates may appear if a student took and passed a course or examination more than once.

Credit Recommendations: Recommendations for college credit are designated in semester hour units (SH). Each recommendation includes a total number of SH credits recommended and a breakdown of one or more subject areas and credit levels. Levels for which recommendations are issued include Vocational/Certificate, Lower Division (100-200 level courses), Upper Division (300-400 level courses), and Graduate (500+ level courses).

Grade: ACE-endorsed credentials are only included on this official transcript if the student achieved a passing grade. ACE-endorsed courses and exams meet the following minimum grading requirements: Students must earn a minimum "C" grade for Vocational/Certificate, Lower Division, and Upper Division credit and a minimum "B" grade for Graduate level credit.

RESOURCES

Additional information on ACE-endorsed educational programs, such as learning outcomes, assessment methods, etc. can be found in the National Guide to College Credit for Workforce Training at <https://www.acenet.edu/national-guide/>. Military training and occupations that carry college credit recommendations can be found at The ACE Military Guide at: <https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/military-guide-online.aspx>.

Inquires: Please address inquiries to:
American Council on Education Learning Evaluations
One Dupont Circle NW, Suite 250,
Washington DC, 20036

Email: CREDIT@acenet.edu

Phone: 1-866-205-6267

Technical Support: For technical support, visit the Credly Help Center: <https://support.credly.com/hc/en-us>