



5 Courses

- Python for Data Science, AI & Development
- Python Project for Data Science
- Data Analysis with Python
- Data Visualization with Python
- Applied Data Science Capstone

Sep 9, 2025

## SAMUEL RAJ

has successfully completed the online, non-credit Specialization

# Applied Data Science

In this specialization learners developed and honed skills for practical data science and machine learning problems. The specialization included learning Python, as well as performing data analysis, and creating data visualizations using Python. Learners also completed a Capstone project to apply and demonstrate their newly acquired knowledge and skills.

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.



Yan Luo

A handwritten signature of the name "Yan Luo".

Yan Luo  
Ph.D., Data Scientist  
and Developer

Saishruthi Swaminathan  
Data Scientist  
IBM CODAIT

Azim Hirjani

A handwritten signature of the name "Azim Hirjani".  
Azim Hirjani  
Cognitive Data Scientist  
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Joseph Santarcangelo  
Senior Data Scientist  
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Verify this certificate at:

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