



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**



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**SALAH ALDDEEN YACOUB A. AL
KAFRAWI**

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.

Joseph Santarcangelo
Senior Data Scientist
IBM

Saishruthi Swaminathan
Data Scientist
IBM CODAIT

Azim Hirjani
Cognitive Data Scientist

Yan Luo
Ph.D., Data Scientist
and Developer

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.

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