



4 Courses

What is Data Science?

Tools for Data Science

Data Science Methodology

**Databases and SQL for Data
Science with Python**



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EMAM FARAG

has successfully completed the online, non-credit Specialization

Introduction to Data Science

In this Specialization, learners developed foundational Data Science skills to prepare them for a career or further learning that involves more advanced topics in Data Science. The Specialization entailed understanding what Data Science is and the various kinds of activities that a Data Scientist performs. It familiarized learners with various open source tools, like Jupyter Notebooks, used by Data Scientists. It taught them about methodology involved in tackling data science problems. The Specialization also provided knowledge of relational database concepts and the use of SQL to query databases. Learners completed hands-on labs and projects to apply their newly acquired skills and knowledge.

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.

Rav Ahuja
AI & Data Science
Program Director
IBM Skills Network

Verify this certificate at:

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