



8 Courses

The Data Science Profession
– Student View

What is Data Science?

Tools for Data Science

Problems, Algorithms and
Flowcharts

Python for Data Science, AI
& Development

Statistics and Clustering in
Python

Data Science Project
Capstone: Predicting Bicycle
Rental

Python Project for Data
Science



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DIVYA KUMARI

has successfully completed the online, non-credit Specialization

Data Science Foundations

The earner of this certificate understands how data science is applied in real-world contexts and has grasped concepts such as K-means clustering and machine learning. They are familiar with essential data science tasks such as data structuring and programming in Python, and have explored key tools such as JupyterLab, GitHub, and IBM Watson Knowledge Catalog. They have been introduced to algorithm design, data clustering, and statistical analysis, and through hands-on projects, they have applied their foundational skills to real-world problems. They are also acquainted with data acquisition, working with data APIs, and converting JSON files for data analysis, and approaching business challenges using data science methodologies.

Professor Robert
Zimmer, Goldsmiths
University of London;
Rav Ahuja, AI & Data
Science Program
Director, IBM Skills
Network

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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