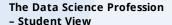


8 Courses



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





Mar 8, 2025

## Shashanka Shekhar Sharma

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.

Ru Muye

sor Robert

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

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