



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



Oct 9, 2025

## 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.

Two handwritten signatures in black ink. The first signature on the left appears to be "Robert Zimmer". The second signature on the right appears to be "Rav Ahuja".

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

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