



5 Courses

Introduction to Data  
Science in Python

Applied Plotting, Charting &  
Data Representation in  
Python

Applied Machine Learning in  
Python

Applied Text Mining in  
Python

Applied Social Network  
Analysis in Python



Sep 8, 2022

**Saurav Das**

has successfully completed the online, non-credit Specialization

# Applied Data Science with Python

The 5 courses in this University of Michigan specialization introduce learners to data science through the python programming language. This skills-based specialization is intended for learners who have a basic python or programming background, and want to apply statistical, machine learning, information visualization, and text analysis techniques to gain new insight into their data. In the final course, students will work on real-world data analysis projects, building a portfolio which showcases their work while at the same time helping real clients gain a better understanding of their data.

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.

Christopher Brooks  
Research Assistant  
Professor  
School of Information

Daniel Romero, Ph.D.  
Assistant Professor  
School of Information  
University of Michigan

Kevyn Collins-  
Thompson  
Associate Professor  
School of Information

V. G. Vinod Vydiswaran  
Assistant Professor  
School of Information

Verify this certificate at:

<https://coursera.org/verify/specialization/YF3PQTNURF7G>



Jul 10, 2022

Saurav Das

has successfully completed

Introduction to Data Science in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Christopher Brooks'.

Christopher Brooks  
Research Assistant Professor  
School of Information

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/DKQPZUEGA6KG>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Jul 28, 2022

**Saurav Das**

has successfully completed

**Applied Plotting, Charting & Data Representation  
in Python**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Christopher Brooks'.

Christopher Brooks  
Research Assistant Professor  
School of Information

COURSE  
CERTIFICATE



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Coursera has confirmed the identity of this individual and their  
participation in the course.





Aug 15, 2022

Saurav Das

has successfully completed

Applied Machine Learning in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink that reads 'KCThompson'.

Kevyn Collins-Thompson  
Associate Professor  
School of Information

COURSE  
CERTIFICATE



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<https://coursera.org/verify/T6QW2XSBQVN5>

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participation in the course.



Aug 29, 2022

Saurav Das

has successfully completed

Applied Text Mining in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, reading 'V.G. Vinod Vydiswaran'.

V.G. Vinod Vydiswaran  
Assistant Professor  
School of Information

COURSE  
CERTIFICATE



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<https://coursera.org/verify/AD2E28D6QGRT>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Sep 8, 2022

Saurav Das

has successfully completed

Applied Social Network Analysis in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Daniel Romero', written over a horizontal dotted line.

Daniel Romero, Ph.D.  
Assistant Professor  
School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/24HYGXMURAFX>

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participation in the course.