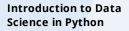


**5** Courses



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.

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

V. ly Vmodhainam

School of Information

V. G. Vinod Vydiswaran Assistant Professor School of Information

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.

Verify this certificate at: <a href="https://coursera.org/verify/specializat">https://coursera.org/verify/specializat</a> ion/YF3POTNURF7G



Jul 10, 2022

### Sauray Das

has successfully completed

Introduction to Data Science in Python

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



CAMPAR

Christopher Brooks Research Assistant Professor School of Information

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Jul 28, 2022

### Sauray 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



CMMAR

Christopher Brooks Research Assistant Professor School of Information

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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



\*CThym

Kevyn Collins-Thompson Associate Professor School of Information

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Aug 29, 2022

## Saurav Das

has successfully completed

#### Applied Text Mining in Python

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V. G. Vmod Koiman

V. G. Vinod Vydiswaran Assistant Professor School of Information

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Sep 8, 2022

### Sauray Das

has successfully completed

Applied Social Network Analysis in Python

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



H) afm/w/.

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

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