



3 Courses

Understanding and
Visualizing Data with Python

Inferential Statistical
Analysis with Python

Fitting Statistical Models to
Data with Python



Oct 13, 2021

Sayam Kumar

has successfully completed the online, non-credit Specialization

Statistics with Python

This specialization is designed to teach learners beginning and intermediate concepts of statistical analysis, and use of the Python programming language to conduct data analyses. Learners will learn where data come from, what types of data can be collected, how to effectively summarize and visualize data, how to utilize data for estimation and assessing theories, proper interpretations of inferential results, and how to apply more advanced statistical modeling procedures.

Brenda Gunderson,
Ph.D., Lecturer IV

Kerby Shedden, Ph.D.,
Professor

Brady T. West, Ph.D.,
Research Associate
Professor

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:

<https://coursera.org/verify/specialization/PNJRW4LY6HM>



9 Courses

Introduction to Data Analytics

Excel Basics for Data Analysis

Data Visualization and Dashboards with Excel and Cognos

Python for Data Science, AI & Development

Python Project for Data Science

Databases and SQL for Data Science with Python

Data Analysis with Python

Data Visualization with Python

IBM Data Analyst Capstone Project



Nov 25, 2021

Sayam Kumar

has successfully completed the online, non-credit Professional Certificate

IBM Data Analyst

This IBM Professional Certificate is earned after successfully completing 9 courses on various topics in Data Analytics. The learner understands the core principles of data analysis and has worked hands-on with a variety of data sources, project scenarios, and data analysis tools, including Excel, SQL, Relational Databases, Python, Jupyter Notebooks, and Cognos Analytics, gaining practical experience with data manipulation, data analysis, and data visualization. The earner of this Certificate has demonstrated proficiency in applying different analytical techniques by analyzing real-world datasets, creating visualizations & interactive dashboards, and presenting reports to share findings of data analysis, and is now equipped with skills for an entry-level role in data analytics.

Rav Ahuja, Program
Director, IBM Skills
Network

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Verify this certificate at:

<https://coursera.org/verify/professional-cert/7RU3A97BZEKH>



10 Courses

What is Data Science?

Tools for Data Science

Data Science Methodology

Python for Data Science, AI & Development

Python Project for Data Science

Databases and SQL for Data Science with Python

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

Applied Data Science Capstone



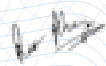
Jul 19, 2022

Sayam Kumar

has successfully completed the online, non-credit Professional Certificate

IBM Data Science

In this Professional Certificate, learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills.


Rav Ahuja
AI & Data Science
Program Director
IBM Skills Network

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Verify this certificate at:
<https://coursera.org/verify/professional-cert/4UVFLGUEDBCU>



5 Courses

Python for Data Science, AI
& Development

Python Project for Data
Science

Data Analysis with Python

Data Visualization with
Python

Applied Data Science
Capstone



Oct 11, 2023

Sayam Kumar

has successfully completed the online, non-credit Specialization

Applied Data Science

In this specialization learners developed and honed skills for practical data science and machine learning problems. The specialization included learning Python, as well as performing data analysis, and creating data visualizations using Python. Learners also completed a Capstone project to apply and demonstrate their newly acquired knowledge and skills.

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Yan Luo

Yan Luo
Ph.D., Data Scientist
and Developer

Saishruthi Swaminathan

Saishruthi Swaminathan
Data Scientist
IBM CODAIT

Azim Hirjani

Azim Hirjani
Cognitive Data Scientist

Dr. Pooja

Dr. Pooja
Instructor and Subject
Matter Expert
Skill-Up Technologies

Joseph Santarcangelo

Joseph Santarcangelo
Senior Data Scientist
IBM

Verify this certificate at:

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