



This is to certify that

Srinivas Voore

successfully completed and received a passing grade in

Data Science Methodology (DS0103EN, provided by Cognitive Class)

A course on cognitive class.ai Powered by IBM Developer Skills Network.

> Issued by **Cognitive Class**

> > May 8, 2021

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/12583e418c45798abcb1b517fac0c9480

Certificate ID Number: 12583e418c45798abcb1b517fac0c9480 May 8, 2021





This is to certify that

Srinivas Voore

successfully completed and received a passing grade in

Introduction to Data Science (DS0101EN, provided by Cognitive Class)

A course on cognitive class.ai Powered by IBM Developer Skills Network.

> Issued by **Cognitive Class**

> > May 8, 2021

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/f71750fe46f111110bac889584958c2749

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This is to certify that

Srinivas Voore

successfully completed and received a passing grade in

Data Science Tools

(DS0105EN, provided by IBMDeveloperSkillsNetwork)

A course on cognitive class.ai
Powered by IBM Developer Skills Network.

Issued by Cognitive Class

Romeo Kinsler

Romeo Kinsler Chief Data Scientist IBM

Svetlana Levitan

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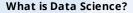




Certificate ID Number: 14d3a4bfc4024952a00a49fe102475b0 May 8, 2021



10 Courses



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



May 9, 2021

VOORE SRINIVAS

has successfully completed the online, non-credit Professional Certificate

IBM Data Science

In this Professional Certificate learners developed and honed handson 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 Al & Data Science Program Director IBM Skills Network

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: coursera.org/verify/professionalcert/3MRLER82TLW8





Certificate of Completion Congratulations, Srinivas Voore

Master Python for Data Science

Learning Path completed on Mar 23, 2021 at 04:24AM UTC • 29 hours 43 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Big Data, Python (Programming Language), Object-Oriented Programming (OOP)

Head of Content Strategy, Learning

LinkedIn Learning 1000 W Maude Ave Sunnyvale, CA 94085

Certificate Id: AUQQnw9jtKjurp7SsoXBCRTFYWQI



9 Courses



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



May 9, 2021

VOORE SRINIVAS

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.

for their

Rav Ahuja, Program Director, IBM Skills Network

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Verify this certificate at: coursera.org/verify/professional-cert/4CQ9PTA4ZLX9



3 Courses

Understanding and Visualizing Data with Python

Inferential Statistical Analysis with Python

Fitting Statistical Models to Data with Python



May 9, 2021

VOORE SRINIVAS

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.

Brendaghun Morz Steaden Brenda Gunderson, Ph.D., Lecturer IV

Kerby Shedden, Ph.D., Professor

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

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Verify this certificate at: coursera.org/verify/specialization/N2RHJ8YS24M7

