

Certificates

- Advanced Data Science with IBM Specialization, Coursera.
- IBM Data Science professional certificate, Coursera.
- Applied Data Science with IBM, Coursera.
- Introduction to Data Science with IBM, Coursera.
- Geospatial Applications for Disaster Risk Management, Advance Module, ISRO and UNOOSA.
- Geospatial Applications for Disaster Risk Management, Basic Module, ISRO and UNOOSA.
- Microsoft Certified: Azure AI Fundamentals, AI-900.
- Microsoft Certified: Azure Data Fundamentals, DP-900.







Fundamentals of Scalable Data Science

Advanced Machine Learning and Signal Processing

Applied Al with DeepLearning

Advanced Data Science Capstone



30-Jan-2021

Ankur Roy

has successfully completed the online, non-credit Specialization

Advanced Data Science with IBM

As a coursera certified specialization completer you will have a proven deep understanding on massive parallel data processing, data exploration and visualization, and advanced machine learning & deep learning. You'll understand the mathematical foundations behind all machine learning & deep learning algorithms. You can apply knowledge in practical use cases, justify architectural decisions, understand the characteristics of different algorithms, frameworks & technologies & how they impact model performance & scalability.

Tom Hanlon

Training Director Skymind

Romeo Kienzler Chief Data Scientist IBM Watson IoT

Nibetan Pansane

Niketan Pansare Senior Software Engineer IBM Research Money

Pun

Ilja Rasin Data Scientist IBM Watson Health

Max Pumperla Deep Learning Engineer

Mikalay Marchay

Nikolay Manchev Senior Data Scientist IBM EMEA Data Science (2015-2019)

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 orline specialization does not constitute emolment 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/specialization/3637C79R3GU9





What is Data Science?

Tools for Data Science

Data Science Methodology

Python for Data Science and

Databases and SQL for Data Science

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

Applied Data Science Capstone



20-Dec-2020

Ankur Roy

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/FQM3U22JD2JW





Python for Data Science and Al

Data Analysis with Python

Data Visualization with Python

Applied Data Science Capstone



27-Jan-2021

Ankur Roy

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.

Soseph Santarcangelo

Joseph Santarcangelo Senior Data Scientist IBM

Alex Aklson, Ph.D. Data Scientist

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Saishruthi Swaminathan Data Scientist IBM CODAIT

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Verify this certificate at: coursera.org/verify/specialization/2XU487P3E4DA





Tools for Data Science

Data Science Methodology

Databases and SQL for Data

Science

What is Data Science?



10-Jan-2021

Ankur Roy

has successfully completed the online, non-credit Specialization

Introduction to Data Science

In this Specialization learners developed foundational Data Science skills to prepare them for a career or further learning that involves more advanced topics in Data Science. The specialization entailed understanding what is Data Science is and the various kinds of activities that a Data Scientist's perform. It familiarized learners with various open source tools, like Jupyter notebooks, used by Data Scientists. It taught them about methodology involved in tackling data science problems. The specialization also provided knowledge of relational database concepts and the use of SQL to query databases. Learners completed hands-on labs and projects to apply their newly acquired skills and knowledge.

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Rav Ahuja AI & Data Science Program Director IBM Skills Network

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Verify this certificate at: coursera.org/verify/specialization/NJD89X5C6SCC







ENROLMENT NO. JIRS2020416245

Certificate of Completion

THIS CERTIFICATE IS

AWARDED TO

ANKUR ROY

ON SUCCESSFUL COMPLETION OF ADVANCE MODULE (TRACK 2)

OF THE MASSIVE OPEN ONLINE COURSE ON

GEOSPATIAL APPLICATIONS FOR DISASTER RISK MANAGEMENT

JOINTLY CONDUCTED BY

Centre for Space Science and Technology Education for Asia and the Pacific (CSSTEAP) & United Nations Platform for Space based Information for Disaster management and Emergency Response (UN-SPIDER)

Mr. C.M. Bhatt
Course Coordinator, CSSTEAP

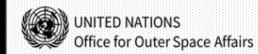
India

Dr. Shirish Ravan Head, UN-SPIDER Beijing Office

Austria

Jepan-Her-

Dr. Prakash Chauhan Director, CSSTEAP India







ENROLMENT No. JIRS2020416245

Certificate of Completion

THIS CERTIFICATE IS

AWARDED TO

ANKUR ROY

ON SUCCESSFUL COMPLETION OF BASIC MODULE (TRACK 1)

OF THE MASSIVE OPEN ONLINE COURSE ON

GEOSPATIAL APPLICATIONS FOR DISASTER RISK MANAGEMENT

JOINTLY CONDUCTED BY

Centre for Space Science and Technology Education for Asia and the Pacific (CSSTEAP) & United Nations Platform for Space based Information for Disaster management and Emergency Response (UN-SPIDER)

Mr. C.M. Bhatt Course Coordinator, CSSTEAP

India

Dr. Shirish Ravan Head, UN-SPIDER Beijing Office

Austria

Jeper-Helt

Dr. Prakash Chauhan Director, CSSTEAP India



Microsoft Certified Azure Al Fundamentals

ANKUR ROY

Has successfully completed the requirements to be recognized as a Microsoft Certified: Azure Al Fundamentals.

Date of achievement: March 25, 2021









Microsoft Certified Azure Data Fundamentals

ANKUR ROY

Has successfully completed the requirements to be recognized as a Microsoft Certified: Azure Data Fundamentals.

Date of achievement: May 15, 2021







