



11 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

Generative AI: Enhance your Data
Analytics Career

Data Analyst Career Guide and
Interview Preparation



Sep 3, 2024

Sahjul Hoque

has successfully completed the online, non-credit Professional
Certificate

IBM Data Analyst

This IBM Professional Certificate is earned after successfully completing 11 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

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/profession
al-cert/7N09IC07113D](https://coursera.org/verify/professional-al-cert/7N09IC07113D)



Sep 1, 2024

Sahjul Hoque

has successfully completed

Introduction to Data Analytics

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read "Rav Ahuja".

Rav Ahuja
Global Program Director,
Skills Network

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/KXV1DTF4W59B>

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



Sep 1, 2024

Sahjul Hoque

has successfully completed

Excel Basics for Data Analysis

an online non-credit course authorized by IBM and offered through Coursera

Sandip Saha Joy
Data Scientist
IBM

Steve Ryan
Instructional Designer & Content Developer
Skill-Up Technologies

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/XR0Q6EIL7GUA>

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



Sep 1, 2024

Sahjul Hoque

has successfully completed

Data Visualization and Dashboards with Excel and Cognos

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, reading "Kevin McFaul" followed by a stylized signature.

Kevin McFaul
Sandip Saha Joy
Stephen Ryan

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/ZM3VTJS6XURC>

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



Sep 2, 2024

Sahjul Hoque

has successfully completed

Data Analysis with Python

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, reading "J. Santarcangelo".

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/RZ0RYFZOHL7Q>

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



Sep 2, 2024

Sahjul Hoque

has successfully completed

Data Visualization with Python

an online non-credit course authorized by IBM and offered through Coursera

Saishruthi Swaminathan
Data Scientist
IBM CODAIT

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

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/MU3FT0FXCYSB>

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



Sep 1, 2024

Sahjul Hoque

has successfully completed

Python Project for Data Science

an online non-credit course authorized by IBM and offered through Coursera

Azim Hirjani

Azim Hirjani
Cognitive Data Scientist

Joseph Santarcangelo

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/4ES722GIUHN>

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



Sep 2, 2024

Sahjul Hoque

has successfully completed with honors

Databases and SQL for Data Science with Python

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director,
Skills Network

Hima Vasudevan
IBM

COURSE CERTIFICATE

WITH HONORS



Verify at:

<https://coursera.org/verify/PB959UANLQKV>

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



Sep 3, 2024

Sahjul Hoque

has successfully completed

IBM Data Analyst Capstone Project

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read "Ramesh Sannareddy".

Rav Ahuja
Ramesh Sannareddy
Sandip Saha Joy

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/1CD55COCVQWH>

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



Sep 1, 2024

Sahjul Hoque

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, reading "Joseph Santarcangelo".

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/KZN2S1SLEXG4>

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



Sep 1, 2024

Sahjul Hoque

has successfully completed

Generative AI: Enhance your Data Analytics Career

an online non-credit course authorized by IBM and offered through Coursera

Dr. Pooja
Abhishek Gagneja
Rav Ahuja

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/49MU8QMA3PDM>

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



Sep 2, 2024

Sahjul Hoque

has successfully completed

Data Analyst Career Guide and Interview Preparation

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read "Rav Ahuja".

Rav Ahuja
Global Program Director
IBM Skills Network

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/NTWKNZO9FQNT>

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