



9 Courses

What is Data Science?

Open Source tools for Data Science

Data Science Methodology

Python for Data Science and AI

Databases and SQL for Data Science

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

Applied Data Science Capstone



05/15/2020

Hiroki Hirayama

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.

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.

Joseph Santarcangelo
Senior Data Scientist
IBM

Polong Lin
Data Scientist, IBM

Alex Aklson, Ph.D.
Data Scientist

Rav Ahuja
AI & Data Science
Program Director
IBM Skills Network

Saeed Aghabozorgi
Sr. Data Scientist
IBM

Verify this certificate at:
coursera.org/verify/professional-cert/TMB9CDSNKG7P



05/10/2020

Hiroki Hirayama

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 "Joseph Santarcangelo".

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



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



05/13/2020

Hiroki Hirayama

has successfully completed

Databases and SQL for Data Science

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

A handwritten signature in black ink, appearing to read "Rav Ahuja", written over a horizontal dotted line.

Rav Ahuja
AI & Data Science Program Director
IBM Skills Network

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05/08/2020

Hiroki Hirayama

has successfully completed

Python for Data Science and AI

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

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

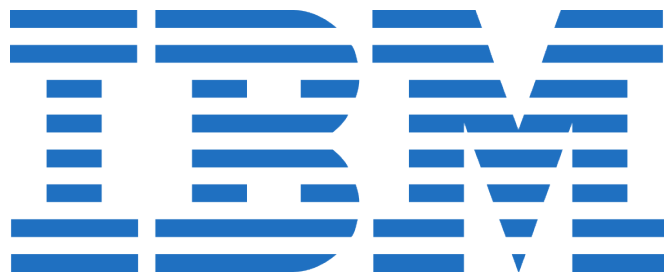
Joseph Santarcangelo
Senior Data Scientist
IBM

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their participation in the course.



05/15/2020

Hiroki Hirayama

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Applied Data Science Capstone

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A handwritten signature in black ink, appearing to read 'Alex Akison', written over a horizontal dotted line.

Alex Akison, Ph.D.
Data Scientist

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05/12/2020

Hiroki Hirayama

has successfully completed

Data Visualization with Python

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

A handwritten signature in black ink, appearing to read 'Alex Akison', written over a horizontal dotted line.

Alex Akison, Ph.D.
Data Scientist

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05/05/2020

Hiroki Hirayama

has successfully completed

Open Source tools for Data Science

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

A handwritten signature in black ink, appearing to read 'Polong Lin', positioned above a dotted line.

Polong Lin
Data Scientist, IBM

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05/05/2020

Hiroki Hirayama

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Data Science Methodology

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Alex Akison, Ph.D.
Data Scientist

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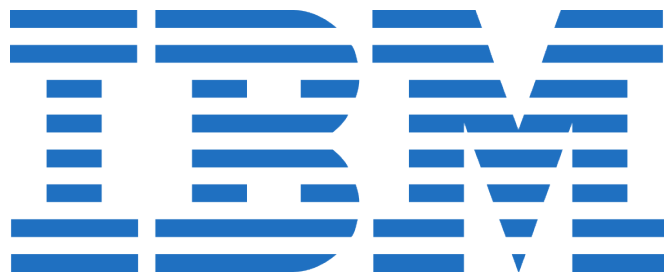
Polong Lin
Data Scientist, IBM

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05/05/2020

Hiroki Hirayama

has successfully completed

What is Data Science?

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

A handwritten signature in black ink, appearing to read 'Alex Akison', written over a horizontal dotted line.

Alex Akison, Ph.D.
Data Scientist

A handwritten signature in black ink, appearing to read 'Polong Lin', written over a horizontal dotted line.

Polong Lin
Data Scientist, IBM

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05/14/2020

Hiroki Hirayama

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Machine Learning with Python

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

A handwritten signature in black ink, reading "Saeed A." in a cursive style.

Saeed Aghabozorgi
Sr. Data Scientist
IBM

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

Joseph Santarcangelo
Senior Data Scientist
IBM

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