

## Ravi Mandal

has successfully completed

What is Data Science?

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

COURSE CERTIFICATE



Que Muz

Rav Ahuja Global Program Director, Skills Network Alex Aklson, Ph.D. Data Scientist

Verify at: <a href="https://coursera.org/verify/4SB48ZBVCFTJ">https://coursera.org/verify/4SB48ZBVCFTJ</a>



## Ravi Mandal

has successfully completed

Data Science Methodology

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

COURSE CERTIFICATE



Alex Aklson, Ph.D.
Data Scientist

Polong Lin Data Scientist, IBM

Verify at: https://coursera.org/verify/DQVRTTD6TKWJ



### Ravi Mandal

has successfully completed

Tools for Data Science

M Mr. M. Svetlana Levitan

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

COURSE CERTIFICATE



Maureen McElaney Romeo Kienzler Svetlana Levitan

Verify at: <a href="https://coursera.org/verify/T834UF4UCE69">https://coursera.org/verify/T834UF4UCE69</a>



#### Ravi Mandal

has successfully completed

Python Project for Data Science

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

COURSE CERTIFICATE



# Azim Hirjani gantarang

Azim Hirjani Cognitive Data Scientist Joseph Santarcangelo Senior Data Scientist

Verify at: <a href="https://coursera.org/verify/HK5ZD9KYPHYF">https://coursera.org/verify/HK5ZD9KYPHYF</a>