



Jan 11, 2024

**MD ASHRAF**

has successfully completed

**Machine Learning with Python**

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

Saeed Aghabozorgi  
Sr. Data Scientist  
IBM

Joseph Santarcangelo  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/WYTHJNA2G7DZ>

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