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**ibtihel dhaouadi**

has successfully completed

**Machine Learning 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

A handwritten signature in black ink, reading "Jeff Grossman".

Jeff Grossman  
Subject Matter Expert  
Skill-Up Technologies

**COURSE  
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