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Mohamed Ebaid Abdrabou  
Hussein

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 blue ink, appearing to read 'Polong Lin'.

Polong Lin  
Data Scientist, IBM

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/8UXM7KSPY8ZH](https://coursera.org/verify/8UXM7KSPY8ZH)

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