



09/29/2019

Zainuddin Saputra

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', written over a horizontal dotted line.

Polong Lin
Data Scientist, IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/J88EgSMMKS47

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