



03/20/2020

**HARSH SINGH**

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 'P. Lin'.

Polong Lin  
Data Scientist, IBM

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/UF9XXUEELM8V](https://coursera.org/verify/UF9XXUEELM8V)

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