



# Certificate of Achievement

Congratulations!

**Ramphele John Makgakga**

You have successfully completed our training program on  
**Introduction to Big Data and Hadoop**



08<sup>th</sup> Oct 2019

Certificate code : 1493099

A handwritten signature in black ink, appearing to read 'V. Sridhar'.

**Vivek Sridhar**  
Program Director