



CERTIFICATE *of* ACHIEVEMENT



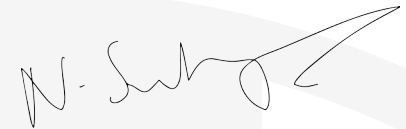
This is to certify that

Christos Andreas Balopoulos

successfully completed and received a passing grade in

**DAT202.1x: Processing Big Data with Hadoop in Azure
HDInsight**

a course of study offered by Microsoft, an online learning
initiative of Microsoft through edX.



Satya Nadella

Chief Executive Officer
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Senior Director Technical Content
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VERIFIED CERTIFICATE
Issued September 16, 2015

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