



CERTIFICATE *of* ACHIEVEMENT



This is to certify that

Michael Duffy

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
Microsoft Corporation

Björn Rettig

Senior Director Technical Content
Microsoft Corporation

VERIFIED CERTIFICATE
Issued September 16, 2015

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