

This document certifies that

Peter Salah

Successfully passed the IBM Academic Certificate exam for

Big Data Engineer v2 Explorer Award for Students (2018)

This achievement also earns you a Mastery Award Badge which you can accept from Acclaim



19 June 2019

UNIQUE ID: 4890-1560-9415-9724



Takreem El-Tohamy
General Manager
IBM Middle East and Africa



Dr. Naguib Attia
Vice President
Global University Programs
IBM USA