## HONOR CODE CERTIFICATE



Satya Nadella

Chief Executive Officer

Microsoft Corporation

Björn Rettig

Senior Director Technical Content

Microsoft Corporation

This is to certify that

## abdul samad

successfully completed and received a passing grade in

## DAT203x: Data Science and Machine Learning Essentials

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



VALID CERTIFICATE ID 4c94995129d34873862f5e6c664699cf