



This is to certify that

Ma'shum Abdul Jabbar

successfully completed and received a passing grade in

Deep Learning with TensorFlow
(ML0120ENv2, provided by CognitiveClass)

A course on **cognitiveclass.ai**
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

October 28, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/bcfd7edb786a43b18991bbc4c08e2893>