



This is to certify that

sobhan

successfully completed and received a passing grade in

Deep Learning Fundamentals (ML0115EN, provided by DeepLearning.TV)

A course on cognitive class.ai Powered by IBM Developer Skills Network.

> Issued by **Cognitive Class**

> > Cognitive Class

December 21, 2022

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/ea3b19f6e53b410784be00278d427097

1 of 2 12/21/2022, 10:23 PM Certificate ID Number: ea3b19f6e53b410784be00278d427097

December 21, 2022

2 of 2 12/21/2022, 10:23 PM