COGNITIVE CLASS.ai

An IBM Initiative

This is to certify that

Mahdi Chtourou

successfully completed and received a passing grade in

Deep Learning Fundamentals

(ML0115EN, provided by DeepLearning.TV)

an online course on **Cognitive Class**.

August 4, 2018

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/802ae31483934a64adb4685d07ef2c8b