IBM

This is to certify that

ABHISHEK SINGH

successfully completed and received a passing grade in

Data Science Hands-On with Open Source Tools

(DS0105EN, provided by **CognitiveClass**)

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

Issued by
Cognitive Class

April 12, 2020

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/7ed7308a072c4427bcad062ac8517841