



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>