



This is to certify that

al-hasan al-shaebi

successfully completed and received a passing grade in

Data Analysis with Python (DA0101EN, provided by Cognitive Class)

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

Issued by Cognitive Class

July 6, 2020

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/a321e06583c546889c2deab7e5a8af69

Certificate ID Number: a321e06583c546889c2deab7e5a8af69