



This is to certify that

Ozlem Kilickaya

successfully completed and received a passing grade in

Big Data 101

(BD0101EN, provided by Cognitive Class)

A course on **cognitiveclass.ai**

Powered by **IBM Developer Skills Network**.

Issued by
Cognitive Class

December 15, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/865e0cb9c73b47e7bf46a08e27df8e15>

Certificate ID Number: 865e0cb9c73b47e7bf46a08e27df8e15

December 15, 2020