



**COGNITIVE  
CLASS.ai**



This is to certify that

**Muh. Rizal Kurniawan Nur**

successfully completed and received a passing grade in

**Big Data 101**

(BD0101EN, provided by Cognitive Class)

an online course on **Cognitive Class**.

**October 10, 2019**

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/0d6d138b6cf0487c9d37a2a286e0945b>