



This is to certify that

## Sintong Sutanto Johanes L. Tobing

successfully completed and received a passing grade in

Big Data 101 (BD0101EN, provided by IBM)

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

Issued by Cognitive Class

rfront

Raul F. Chong

Big Data University Leader Big Data University

**September 12, 2023** 

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/58280af9c8e141d0a8bfd986ae1b5672

1 of 2 12/09/2023, 15:00

Certificate ID Number: 58280af9c8e141d0a8bfd986ae1b5672

September 12, 2023

2 of 2 12/09/2023, 15:00