



This is to certify that

**Ayush Dutta**

successfully completed and received a passing grade in

**Big Data 101**

(BD0101EN, provided by IBM)

A course on **cognitiveclass.ai**  
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A blue ink signature of Raul F. Chong, written in a cursive style.

Raul F. Chong  
Big Data University Leader  
Big Data University

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