



This is to certify that

Margarita Filenko

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 handwritten signature in blue ink that appears to read "Raul F. Chong".

Raul F. Chong
Big Data University Leader
Big Data University

January 22, 2026

Authenticity of this certificate can be validated by going to:

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