



This is to certify that

## Akhil Kumar Penugonda

successfully completed and received a passing grade in

## Machine Learning - Dimensionality Reduction

(ML0109EN, provided by Big Data University)

an online course on Cognitive Class.

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Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/80df9feafcd04611b978f6e404769f0b