



This is to certify that

Gyanendra gupta

successfully completed and received a passing grade in

Machine Learning with Python (MLOIOIEN, provided by IBM)

A course on cognitive class ai Powered by IBM Developer Skills Network.

> Issued by Cognitive Class

September 26, 2023

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/fa50bee618a9492c824d84b0947cc59c

Certificate ID Number: fa50bee618a9492c824d84b0947cc59c

September 26, 2023