Organization Logo



This is to certify that

## José Luis Vargas Ríos

successfully completed and received a passing grade in

## Machine Learning with Python (ML0101EN, provided by IBM)

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

> Issued by **Cognitive Class**

> March 21, 2023

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/93e880bf31be4ad6b52187fe9426878e

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