



This is to certify that

Denis Urgel

successfully completed and received a passing grade in

IBM Cloud Essentials V3

(CC0103EN, provided by IBM)

A course on **cognitiveclass.ai**
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class



Steve Martinelli

STSM, Developer Advocacy
IBM Cloud and Cognitive Software
IBM



Horea Porutiu

Advisory Software Engineer, Emerging Technology
IBM Cloud and Cognitive Software
IBM

September 11, 2024

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/2cfe3132697945a69a3046ab7ab2ab02>