



This is to certify that

Gregori GHITTI

successfully completed and received a passing grade in

Simplifying data pipelines with Apache Kafka (BD0123EN, provided by Big Data University)

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

> Issued by **Cognitive Class**

> > Big Data University

January 29, 2021

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/18de7b0343834ca4b379479deb810efb

Certificate ID Number: 18de7b0343834ca4b379479deb810efb January 29, 2021