

Jun 29, 2024

LUIS GUERRA RUIZ

has successfully completed

ETL and Data Pipelines with Shell, Airflow and Kafka

an online non-credit course authorized by IBM and offered through Coursera $\,$

Yan Luo Ramesh Sannareddy S. Sp.M. Jeff Grossman

Yan Luo, Ramesh Sannareddy Sabrina Spillner, Jeff Grossman COURSE CERTIFICATE



Verify at: https://coursera.org/verify/JQGMSNMEP653

Coursera has confirmed the identity of this individual and their participation in the course.