



Dec 29, 2025

Luis Cardona Martinez

has successfully completed

ETL and Data Pipelines with Shell, Airflow and Kafka

an online course authorized by IBM and offered through Coursera

*Yan Luo Ramesh Sannareddy S. S. M.
Jeff Grossman T. Lavanya*

Yan Luo, Ramesh Sannareddy
Sabrina Spillner, Jeff Grossman
Lavanya Thiruvalli Sunderarajan

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/ZLYQTSXNUZUA>

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

This certificate attests to the learner's completion of an online course / project delivered via Coursera. It does not constitute formal enrollment at any university or entity and does not itself grant academic credit, grades, or a degree. Institutions or organizations may, at their discretion, recognize this learning toward their own programs or credentials.