



May 5, 2024

Harsh Raj

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. S. M. Jeff Grossman

Yan Luo, Ramesh Sannareddy
Sabrina Spillner, Jeff Grossman

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/KY95955ELDTW>

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