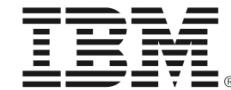


Verified Certificate



A handwritten signature of the name "Rav Ahuja".

Rav Ahuja

AI and Data Science Program Director

IBM

A handwritten signature of the name "Yan Luo".

Yan Luo

Ph.D., Data Scientist and Developer

IBM

This is to certify that

Diogo Salgado

successfully completed and received a passing grade in

**DB0250EN: Building ETL and Data Pipelines with
Bash, Airflow and Kafka**

a course of study offered by IBM, an online learning initiative of
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