



This is to certify that

Karthika

successfully completed and received a passing grade in

Data Science Tools (DS0105EN, provided by IBM)

A course on ictacademy.skillsnetwork.site Powered by IBM Developer Skills Network.

Issued by ICT Academy

- James A

Jagadisha Bhat

Country Manager - Software Services IBM India Pvt Ltd

September 27, 2022

Authenticity of this certificate can be validated by going to:

https://courses.ictacademy.skillsnetwork.site/certificates/73ceaac9dda94e2a97d15e8368d7de5c

September 27, 2022