



This is to certify that

PORCHELVAN R

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**

> > ny

Romeo Kienzler Chief Data Scientist

Maureen McElaney

Developer Advocate IBM

Svetlana Levitan

Svetlana Levitan

Senior Developer Advocate with IBM Center for Open Data and Al Technologies IBM

November 14, 2022

Authenticity of this certificate can be validated by going to:

https://courses.ictacademy.skillsnetwork.site/certificates/fd371c065ac74e84b91ccebf01953b5d

Certificate ID Number: fd371c065ac74e84b91ccebf01953b5d November 14, 2022